

# MOTOBATT

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1 STOP SOLUTION

HIGHEST PERFORMANCE AGM, LITHIUM AND HYBRID

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GEL Technology



Speciality Battery



Pro Lithium



MB-BCT



Auxiliary Battery



DEEP CYCLE



Hybrid



QUADFLEX™ TECHNOLOGY

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## Your customer may ask - Why MotoBatt?

Typical PowerSports battery designs available on the market today have not changed for many years. By listening to you, our valued customers and by studying the way PowerSports batteries are used in today's marketplace, MotoBatt has re-invented its products specifically for today's PowerSports market where the "Triple Threat" of 1. High Vibration; 2. High Starting Loads and now more than ever; 3. Additional high powered accessory loads are all very common.

Motobatt 's innovative internal "Power Balanced" design has been developed to overcome these problems. Many claims are made by different manufacturers about cranking capacity; in fact there is little to be gained from a battery that cranks harder than what is required to start your bike. In battery design there is always a tradeoff. Since physical battery size is limited by the application / case size, the more cranking power (increased number of thinner plates) you have, the less Amp Hour capacity you get, and vice versa. The key is to "balance" the design to offer maximum AH and CCA's to properly power all of your "thirsty" OE and aftermarket accessories.

In today's market to beat that "triple threat" we talked about earlier, what is required is the combination of strong cranking power with the highest Amp Hour (thicker, larger or heavier plates) capacity for additional accessory loads, repeated starts and fast power recovery for strong re-starts.

Motobatt has improved on conventional designs by packing as much lead into our batteries in the smartest way as possible. Many low-cost batteries are only cheaper for one reason; they have less lead in them. These types of batteries can and likely will leave you stranded!

Our patented "Quad Flex" terminal design also creates a shorter current path to the battery cable resulting in quicker power delivery to the starter and improved starting ability. And in many applications, provides improved, safer fitment for additional accessory leads through supplementary terminal location.

### AGM Design

MotoBatt being a premium Absorbed Glass Mat battery is superior by design. AGM batteries have been used in demanding military and off -road applications for many years. The sealed, glass mat design has many longevity and reliability based benefits.

Each plate in the battery is wrapped in a fibrous glass matting which not only absorbs all liquid electrolyte but keeps the plates separated in a cushioned environment. This stops the plates from vibrating which can breakdown the plate and cause short circuits between the plates or break plate welds which result in battery failure. The thick, heavy plates used in MotoBatt designs really make the difference here.

AGM batteries also have a much lower inherent self discharge rate than wet flooded types. And, as a higher amp hour AGM battery, the MotoBatt battery can also discharge more deeply and recover repeatedly under vehicle alternator charge or through maintenance charging. A standard flooded cell battery is not capable of withstanding this type of cycling, without pre-mature failure.

Your Motobatt is a Factory Activated battery. It comes to you pre-conditioned and fully charged for optimum performance and ready to install out of the box. 80% of early PowerSports battery failure is caused by faulty activation of the dry battery plates. Additionally, you never have to mess with acid or top up fluid levels or remove corrosion from the terminals caused by gassing; common with standard flooded battery types.

## MOTOBATT

### High Performance Sealed AGM Battery





## Cover 237 part numbers with just 39 MotoBatt batteries.



### Benefits:

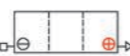
- ✓ Cover the Majority of Market Applications with only 10 SKU's
- ✓ Increase Inventory Turns and Battery Freshness
- ✓ Increase Application Coverage With Fewer Batteries
- ✓ Save Time - No Activation Required
- ✓ Safer Work Environment - No Acid to Deal With
- ✓ Increase Sales
- ✓ Increase Operating Profits
- ✓ A Premium Sealed AGM Battery at a Sensible Price



# Powersport - Battery Specification Charts







Battery Type: <b>MBT6N4</b>
Voltage: 6V
C <sub>(10)</sub> : 4Ah C <sub>(20)</sub> : 4.2Ah
Weight: 0.73kg / 1.61lbs
Dimensions (in / mm) L: 2.80(71) W: 2.80(71) H: 3.80(96)
Assembly Figure Terminal Locations: 2 
Terminal: 2, (Wires)
Terminal Cable Adaptors: MP6NC3, MP6NC4, MP6NC7, MP6NC8, MP6NC9, MP6NC10, MP6NC11, MP6NC12
Screws: NA
Allen Wrench: NA
Terminal Caps: NA
Spacer: None







Battery Type: <b>MBT6N6</b>
Voltage: 6V
C <sub>(10)</sub> : 6Ah C <sub>(20)</sub> : 6.4Ah
Weight: 1.05kg / 2.31lbs
Dimensions (in / mm) L: 3.82(97) W: 2.20(56) H: 4.37(111)
Assembly Figure Terminal Locations: 2 
Terminal: 2, (Wires)
Terminal Cable Adaptors: MP6NC4, MP6NC5, MP6NC9, MP6NC10, MP6NC12, MP6NC16

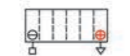





Battery Type: <b>MB5.5U</b>
Voltage: 12V C <sub>(10)</sub> : 7Ah C <sub>(20)</sub> : 7.4Ah
CCA: 90A MCA: 147A PHCA: 350A
Weight: 2.48kg / 5.47lbs
Dimensions (in / mm) L: 5.31(135) W: 2.36(60) H: 5.12(130)
Assembly Figure Terminal Locations: 4 
Terminals: 2, M5x2.5 (Part# MPT1)
Screws: 4, M5X7 (Part# MPS1-2)
Allen Wrench: 1, 3x3 (Part#MPAK1)
Terminal Caps: 4, 11x5.5 (Part# MPC1)
Spacer: None







Battery Type: <b>MB7U</b>
Voltage: 12V C <sub>(10)</sub> : 7Ah C <sub>(20)</sub> : 7.4Ah
CCA: 100A MCA: 158A PHCA: 324A
Weight: 2.25 / 4.95lbs
Dimensions (in / mm) L: 5.94(151) W: 2.56(65) H: 3.70(94)
Assembly Figure Terminal Locations: 2 
Terminals: 2, Fixed
Screws: 2, M5X10 (Part# MPS3)
Block Nut: 2, M5 (Part#MPN1)
Terminal Caps: None
Spacer: None







Battery Type: <b>MB2.5U</b>
Voltage: 12V C <sub>(10)</sub> : 2.5Ah C <sub>(20)</sub> : 2.7Ah
CCA: 35A MCA: 83A PHCA: 243A
Weight: 1.08kg / 2.38lbs
Dimensions (in / mm) L: 3.15(80) W: 2.76(70) H: 4.13(105)
Assembly Figure Terminal Locations: 2 
Terminal: 2, (Wires)
Screws: NA
Terminal Caps: NA
Spacer: None







Battery Type: <b>MB3U</b>
Voltage: 12V C <sub>(10)</sub> : 3.8Ah C <sub>(20)</sub> : 4.0Ah
CCA: 50A MCA: 105A PHCA: 266A
Weight: 1.34kg / 2.95lbs
Dimensions (in / mm) L: 3.86(98) W: 2.20(56) H: 4.33(110)
Assembly Figure Terminal Locations: 2 
Terminals: 2, 10X15 (Threaded Flag)
Screws: 2, M5X7 (Part# MPS1-2)
Allen Wrench: 1, 3x3 (Part#MPAK1)
Terminal Caps: NA
Spacer: None







Battery Type: <b>MBT7Z5</b>
Voltage: 12V C <sub>(10)</sub> : 6.5Ah C <sub>(20)</sub> : 6.9Ah
CCA: 130A MCA: 190A PHCA: 360A
Weight: 2.10kg / 4.63lbs
Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 4.21(107)
Assembly Figure Terminal Locations: 2 
Terminals: 2, Fixed
Screws: 2, M5X10 (Part# MPS3)
Block Nut: 2, M5 (Part#MPN1)
Terminal Caps: None

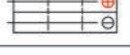





Battery Type: <b>MBTX7U</b>
Voltage: 12V C <sub>(10)</sub> : 8Ah C <sub>(20)</sub> : 8.5Ah
CCA: 130A MCA: 190A PHCA: 360A
Weight: 2.60kg / 5.73lbs
Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 5.04(128)
Assembly Figure Terminal Locations: 2 
Terminals: 2, Fixed
Screws: 2, M5X10 (Part# MPS3)
Block Nut: 2, M5 (Part#MPN1)
Terminal Caps: None
Spacer: None







Battery Type: <b>MBT4BB</b>
Voltage: 12V C <sub>(10)</sub> : 2.5Ah C <sub>(20)</sub> : 2.7Ah
CCA: 40A MCA: 94A PHCA: 254A
Weight: 0.97kg / 2.13lbs
Dimensions (in / mm) L: 4.45(113) W: 1.50(38) H: 3.43(87)
Assembly Figure Terminal Locations: 2 
Terminals: 2, (Spade)
Screws: NA
Allen Wrench: NA
Spacer: None

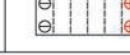





Battery Type: <b>MT4R</b>
Voltage: 12V C <sub>(10)</sub> : 2.5Ah C <sub>(20)</sub> : 2.7Ah
CCA: 45A MCA: 99A PHCA: 260A
Weight: 1.12kg / 2.46lbs
Dimensions (in / mm) L: 4.49(114) W: 1.93(49) H: 3.39(86)
Assembly Figure Terminal Locations: 2 
Terminals: 2, (Spade)
Screws: NA
Allen Wrench: NA
Terminal Caps: NA
Spacer: None







Battery Type: <b>MBTX7ABS</b>
Voltage: 12V C <sub>(10)</sub> : 7Ah C <sub>(20)</sub> : 7.4Ah
CCA: 105A MCA: 163A PHCA: 330A
Weight: 2.44kg / 5.37lbs
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 3.74(95)
Assembly Figure Terminal Locations: 2 
Terminals: 2, M6
Screws: 2, M6X12 (Part# MPS4)
Allen Wrench: None
Terminal Caps: None
Spacer: None

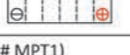





Battery Type: <b>MB7BB</b>
Voltage: 12V C <sub>(10)</sub> : 9Ah C <sub>(20)</sub> : 9.5Ah
CCA: 150A MCA: 209A PHCA: 380A
Weight: 3.00kg / 6.61lbs
Dimensions (in / mm) L: 5.91(150) W: 2.36(60) H: 5.12(130)
Assembly Figure Terminal Locations: 4 
Terminals: 2, M5x2.5 (Part# MPT1)
Screws: 4, M5X7 (Part# MPS1-2)
Allen wrench: 1, 3x3 (Part#MPAK1)
Terminal Caps: 4, 11x5.5 (Part# MPC1)
Spacer: None

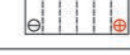





Battery Type: <b>MBTX4U</b>
Voltage: 12V C <sub>(10)</sub> : 4.7Ah C <sub>(20)</sub> : 5Ah
CCA: 70A MCA: 126A PHCA: 290A
Weight: 1.57kg / 3.46lbs
Dimensions (in / mm) L: 4.49(114) W: 2.76(70) H: 3.43(87)
Assembly Figure Terminal Locations: 2 
Terminals: 2, Fixed
Screws: 2, M5X10 (Part# MPS3)
Block Nut: 2, M5 (Part#MPN1)
Terminal Caps: None

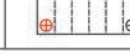




Battery Type: <b>MBSU</b>
Voltage: 12V C <sub>(10)</sub> : 7Ah C <sub>(20)</sub> : 7.4Ah
CCA: 90A MCA: 147A PHCA: 350A
Weight: 2.30kg / 5.07lbs
Dimensions (in / mm) L: 4.72(120) W: 2.36(60) H: 5.12(130)
Assembly Figure Terminal Locations: 4 
Terminals: 2, M5x2.5 (Part# MPT1)
Screws: 4, M5X7 (Part# MPS1-2)
Allen Wrench: 1, 3x3 (Part#MPAK1)
Terminal Caps: 4, 11x5.5 (Part# MPC1)
Spacer: None





Battery Type: <b>MB7C-A</b>
Voltage: 12V C <sub>(10)</sub> : 9Ah C <sub>(20)</sub> : 9.5Ah
CCA: 135A MCA: 193A PHCA: 365A
Weight: 2.92kg / 6.49lbs
Dimensions (in / mm) L: 5.08(129) W: 3.50(89) H: 4.49(114)
Assembly Figure Terminal Locations: 2 
Terminals: 2, M6
Screws: 2, M6X12 (Part# MPS4)
Block Nut: None
Terminal Caps: None
Spacer: None






Battery Type: <b>MBT9B4</b>
Voltage: 12V C <sub>(10)</sub> : 9Ah C <sub>(20)</sub> : 9.5Ah
CCA: 140A MCA: 201A PHCA: 370A
Weight: 2.59kg / 5.71lbs
Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 4.13(105)
Assembly Figure Terminal Locations: 2 
Terminals: 2, Fixed
Screws: 2, M6X12 (Part# MPS4)
Block Nut: 2, M6 (Part#MPN2)
Terminal Caps: None
Spacer: None







Battery Type: <b>MBTX9U</b>
Voltage: 12V C <sub>(10)</sub> : 10.5Ah C <sub>(20)</sub> : 11.1Ah
CCA: 160A MCA: 219A PHCA: 393A
Weight: 3.40kg / 7.50lbs
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 4.13(105) TH: 4.34(110)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Spacer: 1, 5mm Bottom (Part#MPBS1)


Battery Type: <b>MB9U</b>
Voltage: 12V C <sub>(10)</sub> : 11Ah C <sub>(20)</sub> : 11.7Ah
CCA: 140A MCA: 201A PHCA: 385A
Weight: 3.40kg / 7.48lbs
Dimensions (in / mm) L: 5.35(136) W: 2.99(76) H: 5.24(133) TH1: 5.48(139) TH2: 6.1(155)
Assembly Figure Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacers: 2, Bottom (Part#MPBS2) Spcer 1 = 6mm, Spacer 2 =16mm, Total =22mm


Battery Type: <b>MBTZ14S</b>
Voltage: 12V C <sub>(10)</sub> : 11.5Ah C <sub>(20)</sub> : 12.2Ah
CCA: 190A MCA: 255A PHCA: 435A
Weight: 3.54kg / 7.81lbs
Dimensions (in / mm) L: 5.94(151) W: 3.42(87) H: 4.33(110)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Spacer: None


Battery Type: <b>MBTX14AU</b>
Voltage: 12V C <sub>(10)</sub> : 16.5Ah C <sub>(20)</sub> : 17.5Ah
CCA: 250A MCA: 319A PHCA: 498A
Weight: 5.4kg / 11.92lbs
Dimensions (in / mm) L: 5.31(135) W: 3.54(90) H: 6.61(168) TH: 6.93(176)
Assembly Figure Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: 1, 8mm Bottom (Part#MPBS6)





Battery Type: <b>MBTZ10S</b>
Voltage: 12V C <sub>(10)</sub> : 8.6Ah C <sub>(20)</sub> : 9.1Ah
CCA: 190A MCA: 255A PHCA: 435A
Weight: 2.90kg / 6.39lbs
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 3.74(95)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Spacer: None



Battery Type: <b>MB10U</b>
Voltage: 12V C <sub>(10)</sub> : 14.5Ah C <sub>(20)</sub> : 15.4Ah
CCA: 175A MCA: 238A PHCA: 420A
Weight: 4.30kg / 9.48lbs
Dimensions (in / mm) L: 5.31(135) W: 3.54(90) H: 5.75(146) TH: 6.10(155)
Assembly Figure Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: 1, 9mm Bottom (Part#MPBS3)






Battery Type: <b>MBYZ16H</b>
Voltage: 12V C <sub>(10)</sub> : 16.5Ah C <sub>(20)</sub> : 17.5Ah
CCA: 240A MCA: 308A PHCA: 487A
Weight: 5.05kg / 11.13lbs
Dimensions (in / mm) L: 5.94(151) W: 3.42(87) H: 5.70(145)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Nut Spacer: 2, (Part#MP3W)



Battery Type: <b>MBYZ16HD</b>
Voltage: 12V C <sub>(10)</sub> : 16.5Ah C <sub>(20)</sub> : 17.5Ah
CCA: 240A MCA: 308A PHCA: 487A
Weight: 5.05kg / 11.13lbs
Dimensions (in / mm) L: 5.94(151) W: 3.42(87) H: 5.70(145)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Nut Spacer: 2, (Part#MP3W)



Battery Type: <b>MBTX12U</b>
Voltage: 12V C <sub>(10)</sub> : 14Ah C <sub>(20)</sub> : 14.8Ah
CCA: 210A MCA: 275A PHCA: 451A
Weight: 4.40kg / 9.7lbs
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 5.12(130) TH1: 5.31(135) TH2: 5.71(145)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Spacers: 2, Bottom (Part#MPBS4)
Spacer 1 = 5mm, Spacer 2 =10mm Total = 15mm
Nut Spacer: 2, (Part# MP3W)



Battery Type: <b>MB12U</b>
Voltage: 12V C <sub>(10)</sub> : 14Ah C <sub>(20)</sub> : 14.8Ah
CCA: 170A MCA: 233A PHCA: 405A
Weight: 4.40kg / 9.7lbs
Dimensions (in / mm) L: 5.28(134) W: 3.15(80) H: 6.34(161) TH: 6.89(175)
Assembly Figure Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: 1, 14mm Bottom (Part#MPBS5)



Battery Type: <b>MB16A</b>
Voltage: 12V C <sub>(10)</sub> : 19Ah C <sub>(20)</sub> : 20.1Ah
CCA: 220A MCA: 286A PHCA: 463A
Weight: 5.47kg / 12.07lbs
Dimensions (in / mm) L: 5.94(151) W: 3.58(91) H: 7.13(181)
Assembly Figure Terminal Locations: 2
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None



Battery Type: <b>MBTX16U</b>
Voltage: 12V C <sub>(10)</sub> : 19Ah C <sub>(20)</sub> : 20.1Ah
CCA: 270A MCA: 342A PHCA: 521A
Weight: 5.65kg / 12.5lbs
Dimensions (in / mm) L: 5.94(151) W: 3.43(87) H: 6.34(161)
Assembly Figure Terminal Locations: 4
Terminals: 4 Fixed
Screws: 2, M6X12 (Part#MPS4)
Block nut: 2, M6 (Part# MPN2)
Terminal Caps: 2Black,2Red (Part#MPC3)
Spacer: None



Battery Type: <b>MBT12B4</b>
Voltage: 12V C <sub>(10)</sub> : 11Ah C <sub>(20)</sub> : 11.7Ah
CCA: 165A MCA: 228A PHCA: 400A
Weight: 3.52kg / 7.76lbs
Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 5.12(130)
Assembly Figure Terminal Locations: 2
Terminals: 2, Fixed
Screws: 2, M6x12 (Part#MPS4)
Block Nut: 2, M6 (Part#MPN2)
Terminal Caps: None


Battery Type: <b>MBT14B4</b>
Voltage: 12V C <sub>(10)</sub> : 13Ah C <sub>(20)</sub> : 13.8Ah
CCA: 180A MCA: 243A PHCA: 425A
Weight: 4.10kg / 9.04lbs
Dimensions (in / mm) L: 5.91(150) W: 2.76(70) H: 5.71(145)
Assembly Figure Terminal Locations: 2
Terminals: 2, Fixed
Screws: 2, M6x12 (Part#MPS4)
Block Nut: 2, M6 (Part#MPN2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None



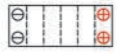
Battery Type: <b>MB16U</b>
Voltage: 12V C <sub>(10)</sub> : 20Ah C <sub>(20)</sub> : 21.2Ah
CCA: 250A MCA: 319A PHCA: 498A
Weight: 5.90kg / 13.0lbs
Dimensions (in / mm) L: 6.30(160) W: 3.54(90) H: 6.34(161)
Assembly Figure Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: None



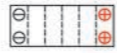






Battery Type: <b>MB16AU</b>
Voltage: 12V C <sub>(10)</sub> : 20.5Ah C <sub>(20)</sub> : 21.7Ah
CCA: 250A MCA: 319A PHCA: 498A
Weight: 6.25kg / 13.78lbs
Dimensions (in / mm) L: 8.15(207) W: 2.83(72) H: 6.46(164)
Assembly Figure Terminal Locations: 2
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None








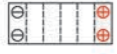




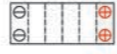
  	Battery Type: <b>MB18U</b>
	Voltage: 12V C <sub>(10)</sub> : 22.5Ah C <sub>(20)</sub> : 23.9Ah
	CCA: 280A MCA: 351A PHCA: 533A
	Weight: 6.8kg / 15.01lbs
	Dimensions (in / mm) L: 7.09(180) W: 3.54(90) H: 6.38(162)
	Assembly Figure Terminal Locations: 4 
	Terminals: 2, M6x2.5 (Part#MPT2)
	Screws: 4, M6x7 (Part# MPS2-2)
	Allen Wrench: 1, 4x4 (Part#MPAK2)
	Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: None	



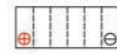
  	Battery Type: <b>MBS1814</b>
	Voltage: 12V C <sub>(10)</sub> : 21Ah C <sub>(20)</sub> : 22.3Ah
	CCA: 235A MCA: 302A PHCA: 480A
	Weight: 6.6kg / 14.56lbs
	Dimensions (in / mm) L: 7.2(183) W: 3.15(80) H: 6.69(170)
	Assembly Figure Terminal Locations: 4 
	Terminals: 2, M6x2.5 (Part#MPT3/20)
	Screws: 4, M6x7 (Part# MPS2-2)
	Allen Wrench: 1, 4x4 (Part#MPAK2)
	Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: None	



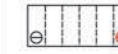
  	Battery Type: <b>MBTX30UHD</b>
	Voltage: 12V C <sub>(10)</sub> : 34Ah C <sub>(20)</sub> : 36Ah
	CCA: 440A MCA: 513A PHCA: 705A
	Weight: 10.4kg / 22.95lbs
	Dimensions (in / mm) L: 6.54(166) W: 4.96(126) H: 6.89(175) TH: 7.56(192)
	Assembly Figure Terminal Locations: 4 
	Terminals: 4 Fixed
	Screw: 2, M6x12 (Part# MPS4)
	Block nut: 2, M6 (Part# MPN4)
	Terminal Caps: 2 Black, 2 Red (Part# MPC4)
Spacers: 17mm Bottom (Part#MPC9)	




  	Battery Type: <b>MBHD12H</b>
	Voltage: 12V C <sub>(10)</sub> : 33Ah C <sub>(20)</sub> : 35Ah
	CCA: 420A MCA: 500A PHCA: 695A
	Weight: 10.5kg / 23.17lbs
	Dimensions (in / mm) L: 7.87(200) W: 5.12(130) H: 6.42(163)
	Assembly Figure Terminal Locations: 2 
	Terminals: 2, 14x2.5 (Threaded Flag)
	Screws: 2, M6x7 (Part# MPS2)
	Allen Wrench: 1, 4x4 (Part#MPAK2)
	Terminal Caps: NA
Spacer: None	




  	Battery Type: <b>MBTX20U</b>
	Voltage: 12V C <sub>(10)</sub> : 21Ah C <sub>(20)</sub> : 22.3Ah
	CCA: 320A MCA: 395A PHCA: 605A
	Weight: 6.60kg / 14.55lbs
	Dimensions (in / mm) L: 6.89(175) W: 3.43(87) H: 6.10(155) TW: 3.94(100) TH: 6.89(175)
	Assembly Figure Terminal Locations: 4 
	Terminals: 4 Fixed
	Screw: 2, M6x12 (Part# MPS4)
	Block nut: 2, M6 (Part# MPN2)
	Nut Spacer: 2, (Part# MP3W)
Terminal Caps: 2 Black, 2 Red (Part# MPC3)	
Spacers: 2, 20mm Bottom (Part# MPBS7), 13mm Back (Part# MPSS)	

  	Battery Type: <b>MBTX20UHD</b>
	Voltage: 12V C <sub>(10)</sub> : 21Ah C <sub>(20)</sub> : 22.3Ah
	CCA: 320A MCA: 395A PHCA: 605A
	Weight: 6.60kg / 14.55lbs
	Dimensions (in / mm) L: 6.89(175) W: 3.43(87) H: 6.10(155) TW: 3.94(100) TH: 6.89(175)
	Assembly Figure Terminal Locations: 4 
	Terminals: 4 Fixed
	Screw: 2, M6x12 (Part# MPS4)
	Block nut: 2, M6 (Part# MPN2)
	Nut Spacer: 2, (Part# MP3W)
Terminal Caps: 2 Black, 2 Red (Part# MPC3)	
Spacers: 2, 20mm Bottom (Part# MPBS7), 13mm Back (Part# MPSS)	

  	Battery Type: <b>MBU1-35</b>
	Voltage: 12V C <sub>(10)</sub> : 35Ah C <sub>(20)</sub> : 37.1Ah
	CCA: 420A MCA: 523A PHCA: 710A
	Weight: 10.5kg / 23.16lbs
	Dimensions (in / mm) L: 7.67(195) W: 5.16(130) H: 7.13(179)
	Assembly Figure Terminal Locations: 2 
	Terminals: 2, 16x16 (Flag)
	Screws: 2, M8x16
	Allen Wrench: NA
	Terminal Caps: NA
Spacer: None	

  	Battery Type: <b>MBU1R-35</b>
	Voltage: 12V C <sub>(10)</sub> : 35Ah C <sub>(20)</sub> : 37.1Ah
	CCA: 420A MCA: 523A PHCA: 710A
	Weight: 10.5kg / 23.16lbs
	Dimensions (in / mm) L: 7.67(195) W: 5.16(130) H: 7.13(179)
	Assembly Figure Terminal Locations: 2 
	Terminals: 2, 16x16 (Threaded Flag)
	Screws: 2, M8x16
	Allen Wrench and Terminal Caps: NA
	Spacer: None

  	Battery Type: <b>MBTX24U</b>
	Voltage: 12V C <sub>(10)</sub> : 25Ah C <sub>(20)</sub> : 26.5Ah
	CCA: 350A MCA: 426A PHCA: 614A
	Weight: 7.45kg / 16.44lbs
	Dimensions (in / mm) L: 8.07(205) W: 3.43(87) H: 6.38(162) TH: 6.93(176)
	Assembly Figure Terminal Locations: 4 
	Terminals: 2, M6x2.5 (Part#MPT3/20)
	Screws: 4, M6x7 (Part# MPS2-2)
	Allen Wrench: 1, 4x4 (Part#MPAK2)
	Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: 1 14mm Bottom (Part#MPBS8)	

  	Battery Type: <b>MBTX30U</b>
	Voltage: 12V C <sub>(10)</sub> : 34Ah C <sub>(20)</sub> : 36Ah
	CCA: 440A MCA: 513A PHCA: 705A
	Weight: 10.4kg / 22.95lbs
	Dimensions (in / mm) L: 6.54(166) W: 4.96(126) H: 6.89(175) TH: 7.56(192)
	Assembly Figure Terminal Locations: 4 
	Terminals: 4 Fixed
	Screw: 2, M6x12 (Part# MPS4)
	Block nut: 2, M6 (Part# MPN4)
	Terminal Caps: 2 Black, 2 Red (Part# MPC4)
Spacers: 17mm Bottom (Part#MPC9)	

# MOTOBATT

WITH QUADFLEX™ TECHNOLOGY

**12 Part numbers cover 140 Popular Yuasa applications,  
80% of US Powersport Sales**



**represents number of OE parts replaced by single motobatt part**

## Powersport - Battery Cross Reference Motobatt Industry (JIS)



Part no. replaced by single motobatt part	MOTOBATT	Replaces	JIS (Ah)	C10 (Ah)	C20 (Ah)	CCA	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)
8	*MBT6N4	6N42A	4	4	4.2				71	71	96	96		2	6N42A	71	71	96
		6N42A2	71												71	96		
		6N42A3	71												71	96		
		6N42A4	71												71	96		
		6N42A5	71												71	96		
		6N42A6	71												71	96		
		6N42A8	71												71	96		
		6N4C1B	71												71	105		
5	*MBT6N6	6N61B	6	6	6.4				97	56	111	111		2	6N61B	99	57	111
		6N63B	99												57	111		
		6N63B1	99												57	111		
		6N61D	99												57	111		
		6N61D2	99												57	111		
		6N61D2	80												70	105		
3	*MB2.5U	YB2.5L-C	2.5	2.5	2.7	35	83	243	80	70	105	105		2	YB2.5L-C	80	70	105
		YB2.5L-C-1	80												70	105		
		YB2.5L-C-2	80												70	105		
2	*MB3U	YB3L-A	3	3.8	4.0	50	105	266	98	56	110	110		2F	YB3L-A	98	56	110
		YB3L-B	98												56	110		
2	*MBT4BB	YT4BBS	2.3	2.5	2.7	40	94	254	113	38	87	87		2F	YT4BBS	114	39	86.5
		GT4B-4	114												39	86.5		
1	*MT4R	YTR4ABS	2.3	2.5	2.7	45	99	260	114	49	86	86		2F	YTR4ABS	114	49	86
		YTX4LBS	114												71	86		
		YT4LBS	114												71	86		
		YB4LA	120												70	92		
		YB4LB	120												70	92		
5	*MBTX4U	YTZ5S	3.5	4.7	5.0	70	126	290	114	70	87	87		2F	YTZ5S	114	71	86
		YB5LB	120												60	130		
		12N53B	120												60	130		
		12N5 5-3B	135												60	130		
2	*MB5.5U	12N5 5-4A	5.5	7.0	7.4	90	147	350	135	60	130	130		4C	12N5 5-4A	135	60	130
		YT7BBS	150												65	93		
2	*MB7U	YT7B4	6.5	7.0	7.4	100	158	324	151	65	94	94		2F	YT7B4	150	65	93
		YTX5L-BS	114												70	105		
3	*MBTZ7S	YTZ7S	5	6.5	6.9	130	190	360	114	70	107	107		2F	YTZ7S	114	70	107
		YTZ7S	114												70	107		
		YTX7LBS	114												71	131		
1	*MBTX7ABS	YTX7ABS	6	7.0	7.4	105	163	330	151	87	95	95		2F	YTX7ABS	150	87	94
		YB7B-B	150												87	94		
1	*MB7BB	YB7C-A	7	9.0	9.5	150	209	380	150	60	130	130		4C	YB7B-B	150	87	94
		YB7C-A	130												90	114		
2	*MBT9B4	YT9BBS	8	9.0	9.5	140	201	370	150	70	104	104		2F	YT9BBS	150	70	105
		CT9B4	150												70	104		
		YTR9BS	150												87	105		
		YTX9	150												87	105		
4	*MBTX9U/HD	YTX9BS	8	10.5	11.1	160	219	393	151	87	105	105		4F	YTX9BS	150	87	105
		YT12A-BS	150												87	105		
		12N7-3A	135												75	133		
		12N7-3B	135												75	133		
		12N7D3B	135												75	150		
		12N7-4A	135												75	133		
		12N7-4B	135												75	133		
		YB7-A	135												75	133		
YB7-AA	135	75	150															
21	*MB9U	YB7LA	8	11.0	11.7	140	201	385	136	76	133	155	Includes 6 mm or 22 mm bottom spacer	4C	YB7LA	135	75	133
		YB7LB	135												75	133		
		YB9A	135												75	139		
		YB9AA	135												75	155		
		YB9A2	135												75	139		
		YB9LA2	135												75	139		
		YB9B	135												75	139		
		YB9LB	135												75	139		
		YB9B2	135												75	139		
		YB9LB2	135												75	139		
		12N9-3A	135												75	139		
		12N9-3A-1	135												75	139		
		12N9-3B	135												75	139		
		12N9-4B-1	135												75	139		
		12N9-4B-1	135												75	139		
		2	*MBTZ10S												YTX7ABS	6	8.6	9.1
YTZ10S	150			87	93													
12N10-3A	135			90	145													
11	*MB10U	12N10-3A-1	10	14.5	15.4	175	238	420	135	90	146	155	Includes 9mm bottom spacer	4C	12N10-3A-1	135	90	145
		12N10-3A-2	135												90	145		
		12N10-3B	135												90	145		
		YB10A-A2	135												90	155		
		YB10L-A2	135												90	145		
		YB10LB	135												90	145		
		YB10LB2	135												90	145		
		12N113A	135												90	155		
		12N113A1	135												90	155		
		12N113B	135												90	155		

Part numbers replaced by single Motobatt part

\* Available in AGM design ONLY from MOTOBATT replacing 85 conventional SKU's\*\* for following part numbers:  
MBT6N4, MBT6N6, MB2.5U, MB3U, MB5U, MB5.5U, MB7BB, MB9U, MB10U, MB12U, MB16U, MB16A, MB16AU, MB18U

CCA (Cold Cranking Amps) is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2v at temperature of -18 C / 0 F degree.  
MCA/CA (Marine Cranking Amps)/CA is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2v at temperature of 0 C / 32F degree.  
PHCA (Pulse Cranking Amps) is the number of amps a battery can deliver in 5 seconds while maintaining the voltage at 72.v at temperature of 27 C / 80 F degree.

**Powersport - Battery Cross Reference Motobatt Industry (JIS)**



**Powersport - Battery Cross Reference Motobatt Industry (JIS)**



Part no. replaced by single motobatt part	MOTOBATT	Replaces	JIS (Ah)	C10 (Ah)	C20 (Ah)	CCA	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)
13	MBTX12U/HD	YB12B-B2	12	14.0	14.8	210	275	451	151	87	130	145	Includes 15mm bottom spacer	4F	YB12BB2	160	90	130
		YTX12-BS	10												YTX12BS	150	87	130
		YTX12	10												YTX12	150	87	130
		YTX14-BS	12												YTX14BS	150	87	145
		YTX14	12												YTX14H	150	87	145
		YTX14L	12												YTX14L	150	87	145
		YTX14H	12												YTX14H	150	87	145
		YTX14HBS	12												YTX14HBS	150	87	145
		YTX14LBS	12												YTX14LBS	150	87	145
		KMX14BS	12												KMX14BS	150	87	145
		YTX15	13												YTX15	175	87	130
YTX15L	13	YTX15L	175	87	130													
YTX15L-BS	13	YTX15L-BS	175	87	130													
9	MB12U	YB12A-A	12	14.0	14.8	170	233	405	135	80	161	175	Includes 14mm bottom spacer	4C	YB12AA	134	80	160
		YB12AAS	12												YB12AAS	134	80	160
		YB12AAWS	12												YB12AAWS	134	80	160
		YB12AL-A	12												YB12ALA	134	80	160
		YB12AL-A2	12												YB12ALA2	134	80	160
		YB12A-B	12												YB12AB	134	80	160
		YB12CA	12												YB12CA	134	80	175
		12N12-4A	12												12N124A	134	80	160
		12N12A-4A-1	12												12N12A4A1	134	80	160
2	MBT12B4	YT12B-BS	10	11.0	11.7	165	228	400	150	70	130	130		2F	YT12BBS	150	69	130
		YT12B4	10												YT12B4	150	69	130
2	MBT14B4	YT14BBS	12	13.0	13.8	180	243	425	150	70	145	145		2F	YT14BBS	150	70	145
		YT14B4	12												YT14B4	150	70	145
2	MBT14S	YTZ12S	11	11.5	12.2	190	255	435	151	87	110	110		4F	YTZ12S	150	87	110
		YTZ14S	11.2												YTZ14S	150	87	110
20	MBTX14AU	YTX14AH	12	16.5	17.5	250	319	498	135	90	168	176	Includes 8mm bottom spacer	4C	YTX14AH	134	89	166
		YTX14AHL	12												YTX14AHL	134	89	166
		YTX14AH-BS	12												YTX14AHBS	134	89	166
		YTX14AHL-BS	12												YTX14AHLBS	134	89	166
		YB14-A1	14												YB14A1	134	89	166
		YB14-A2	14												YB14A2	134	89	166
		YB14AA	14												YB14AA	134	89	176
		YB14AA1	14												YB14AA1	134	89	176
		YB14AA2	14												YB14AA2	134	89	176
		YB14B1	14												YB14B1	134	89	166
		YB14B2	14												YB14B2	134	89	166
		YB14L-A1	14												YB14LA1	134	89	166
		YB14L-A2	14												YB14LA2	134	89	166
		YB14L-B1	14												YB14LB1	134	89	166
		YB14L-B2	14												YB14LB2	134	89	166
		YB14L-A2S	14												YB14LA2S	134	89	166
		SYB14L-A2	14												SYB14LA2	134	89	166
		SYB14L-B2	14												SYB14LB2	134	89	166
		12N14-3A	14												12N143A	134	89	166
		12N14-3B	14												12N143B	134	89	166
		9	MBYZ16H/HD												GYZ16HL	16	16.5	17.5
GYZ16H	16			GYZ16H	150	87	145											
YTX14	12			YTX14	150	87	145											
YTX14-BS	12			YTX14BS	150	87	145											
YTX14H	12			YTX14H	150	87	145											
YTX14H-BS	12			YTX14HBS	150	87	145											
YTX14L	12			YTX14L	150	87	145											
YTX14L-BS	12			YTX14LBS	150	87	145											
KMX14-BS	12			KMX14BS	150	87	145											
HYB16AA	16			HYB16AA	151	91	180											
HYB16A-AB	16			HYB16A-AB	151	91	180											
7	MBTX16U	YTX16	14	19.0	20.1	270	342	521	151	87	161	161		4F	YTX16	150	87	161
		YTX16BS	14												YTX16BS	150	87	161
		YTX16H-BS	14												YTX16H-BS	150	87	161
		YTX16BS1	14												YTX16BS1	150	87	161
		YTX20A-BS	17												YTX20A-BS	150	87	161
		YTX20CH	18												YTX20CH	150	87	161
YTX20CHBS	18	YTX20CHBS	150	87	161													
3	MB16U	YB16B-A	16	20.0	21.2	250	319	498	160	90	161	161		4C	YB16BA	160	90	161
		YB16B-A1	16												YB16BA1	160	90	161
		YB16B-A2	16												YB16BA2	160	90	161
1	MB16AU	YB16AL-A2	16	20.5	21.7	250	319	498	207	72	164	164		2C	YB16AL2	207	71.5	164
		51815	18												51815	180	90	162
4	MB18U	YB18A	18	22.5	23.9	280	351	533	180	90	162	162		4C	YB18A	180	90	162
		YB18LA	18												YB18LA	180	90	162
		YB18LA2	18												YB18LA2	180	90	162
		51814	19												51814	186	82	171
3	MB51814	51913	19	21.0	22.3	235	302	480	183	80	170	170		4C	51913	186	82	171
		YT19BL-BS	17.7												YT19BL-BS	185	81	170

Part numbers replaced by single Motobatt part  
 \* Available in AGM design ONLY from MOTOBATT replacing 85 conventional SKU's\* for following part numbers:  
 MBT6N4, MBT6N6, MB2.5U, MB3U, MB5U, MB5.5U, MB78B, MB9U, MB10U, MB12U, MB16U, MB16A, MB16AU, MB18U

CCA (Cold Cranking Amps) is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2v at temperature of -18 C / 0 F degree.  
 MCA/CA (Marine Cranking Amps)/CA is the number of amps a battery can deliver in 30 seconds while maintaining the voltage at 7.2v at temperature of 0 C / 32F degree.  
 PHCA (Pulse Cranking Amps) is the number of amps a battery can deliver in 5 seconds while maintaining the voltage at 7.2v at temperature of 27 C / 80 F degree.

Part no. replaced by single motobatt part	MOTOBATT	Replaces	JIS (Ah)	C10 (Ah)	C20 (Ah)	CCA	MCA	PHCA	L (mm)	W (mm)	H (mm)	Total H (mm)	Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)
34	MBTX20U/HD	12N16 3A	16	21.0	22.3	320	395	605	175	87	155	175	Includes 20mm bottom spacer and a 13mm side spacer	4F	12N16 3A	176	101	156
		12N16 3B	16												12N16-3B	175	100	155
		12N16 4A	16												12N16 4A	176	101	156
		12N16 4B	16												12N16 4B	176	101	156
		YTX20	18												YTX20	175	87	155
		YTX20L	18												YTX20L	175	87	155
		YTX20BS	18												YTX20BS	175	87	155
		YTX20HBS	18												YTX20HBS	175	87	155
		YTX20LBS	18												YTX20LBS	175	87	155
		YTX20HLBS	18												YTX20HLBS	175	87	155
		YTX20HL-BS-PW	18												YTX20HLSPW	175	87	155
		YTX20H	19												YTX20H	175	87	155
		YTX20HL	19												YTX20HL	175	87	155
		YTX20HL-PW	19												YTX20HL-PW	175	87	175
		YB16A	19												YB16A	175	100	155
		YB16A2	19												YB16A2	175	100	155
		YB16B	19												YB16B	175	100	155
		YB16B2	19												YB16B2	175	100	155
		YB16HLACX	19												YB16HLACX	175	100	155
		SYB16LB	19												SYB16LB	175	100	155
		YB16LA	19												YB16LA	175	100	155
		YB16LA2	19												YB16LA2	175	100	155
		YB16LB	19												YB16LB	175	100	155
		YB16LB2	19												YB16LB2	175	100	155
		YB16CB	19												YB16CB	175	100	175
		YB16CLB	19												YB16CLB	175	100	175
YB16BCX	19	YB16BCX	175	100	155													
GT16L-BS	19	GT16L-BS	176	101	156													
GT16-BS	19	GT16-BS	176	101	156													
CTX19L-BS	19	CTX19L-BS	175	101	157													
CTX19-BS	19	CTX19-BS	175	101	157													
GYZ20H	20	GYZ20H	175	87	155													
GYZ20L	20	GYZ20L	175	87	155													
GYZ20HL	20	GYZ20HL	175	87	155													
16	MBTX24U	12N18-3	18	25.0	26.5	350	426	614	205	87	162	176	Includes 14mm bottom spacer	4C	12N183	206	91	164
		12N18-3A	18												12N183A	206	91	164
		CTX18-BS	21												CTX18-BS	205	90	164
		CTX18L-BS	21												CTX18L-BS	205	90	164
		GTX18L-BS	20												GTX18L-BS	206	91	164
		Y50N18AA	20												Y50N18AA	205	90	176
		Y50N18LA	20												Y50N18LA	205	90	162
		Y50N18LA2	20												Y50N18LA2	205	90	162
		Y50N18LA3	20												Y50N18LA3	205	90	162
		Y50N18LACX	20												Y50N18LACX	205	90	162
		SY50N18LA	20												SY50N18LA	205	90	162
		SY50N18LAT	20												SY50N18LAT	205	90	162
		YTX24	21												YTX24	205	87	162
		YTX24HLBS	21												YTX24HLBS	205	87	162
		YTX24H-BS	20												YTX24H-BS	205	87	162
		YTX24HL	21												YTX24HL	205	87	162
		Y60N24A	28												Y60N24A	184	124	175
		Y60N24ALB	28												Y60N24ALB	184	124	175
		Y60N24LA	28												Y60N24LA	184	124	175
		Y60N24LA2	28												Y60N24LA2	184	124	175
12N24 3	24	12N243	184	124	175													
12N24 3A	24	12N243A	184	124	175													
12N24 4	24	12N24 4	184	124	175													
12N24 4A	24	12N24 4A	184	124	175													
YIX30	30	YIX30	166	126	175													
YIX30L	30	YIX30L	166	126	175													
YIX30L-PW	30	YIX30L-PW	166	126	192													
YIX30L-BS	30	YIX30L-BS	166	126	175													
YIX30L-BS-PW	30	YIX30L-BS-PW	166	126</														





Conventional / JIS	Capacity	Dimensions in MM				Dimensions in Inches				MOTOBATT	Capacity	Dimensions in MM				Dimensions in Inches				Notes
		AH	L	W	H	L	W	H	AH			L	W	H	L	W	H			
6N42A	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A2	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A3	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A4	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A5	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A6	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N42A8	4	71	71	96	2.80	2.80	3.80	MBT6N4	4	71	71	96	2.80	2.80	3.80					
6N4C1B	4	71	71	105	2.80	2.80	4.13	MBT6N4	4	71	71	105	2.80	2.80	4.13					
6N61B	6	99	57	111	3.90	2.24	4.37	MBT6N6	6	99	57	111	3.82	2.20	4.37					
6N63B	6	99	57	111	3.90	2.24	4.37	MBT6N6	6	99	57	111	3.82	2.20	4.37					
6N63B1	6	99	57	111	3.90	2.24	4.37	MBT6N6	6	99	57	111	3.82	2.20	4.37					
6N61D	6	99	57	111	3.90	2.24	4.37	MBT6N6	6	99	57	111	3.82	2.20	4.37					
6N61D2	6	99	57	111	3.90	2.24	4.37	MBT6N6	6	99	57	111	3.82	2.20	4.37					
12N5-3B	5	120	60	130	4.72	2.36	5.12	MB5U	7	120	60	130	4.72	2.36	5.12					
12N5-4B	5	120	60	130	4.72	2.36	5.12	MB5U	7	120	60	130	4.72	2.36	5.12					
12N5.5-3B	5.5	135	60	130	5.31	2.36	5.12	MB5.5U	7	135	60	130	5.31	2.36	5.12					
12N5.5-4A	5.5	135	60	130	5.31	2.36	5.12	MB5.5U	7	135	60	130	5.31	2.36	5.12					
12N7-3A	7	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
12N7-3B	7	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
12N7-4A	7	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
12N7-4B	7	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
12N7D-3B	7	135	75	150	5.31	2.95	5.90	MB9U	11	136	76	153	5.35	2.99	6.02				with 20mm spacer	
12N9-3A	9	135	75	139	5.31	2.95	5.47	MB9U	11	136	76	139	5.35	2.99	5.47				with 6mm spacer	
12N9-3A-1	9	135	75	139	5.31	2.95	5.47	MB9U	11	136	76	139	5.35	2.99	5.47				with 6mm spacer	
12N9-3B	9	135	75	139	5.31	2.95	5.47	MB9U	11	136	76	139	5.35	2.99	5.47				with 6mm spacer	
12N9-4B-1	9	135	75	139	5.31	2.95	5.47	MB9U	11	136	76	139	5.35	2.99	5.47				with 6mm spacer	
12N10-3A	10	135	90	145	5.31	3.54	5.71	MB10U	14.5	135	90	146	5.31	3.54	5.75					
12N10-3A-1	10	135	90	145	5.31	3.54	5.71	MB10U	14.5	135	90	146	5.31	3.54	5.75					
12N10-3A-2	10	135	90	145	5.31	3.54	5.71	MB10U	14.5	135	90	146	5.31	3.54	5.75					
12N10-3B	10	135	90	145	5.31	3.54	5.71	MB10U	14.5	135	90	146	5.31	3.54	5.75					
12N11-3A	11	135	90	155	5.31	3.54	6.10	MB10U	14.5	135	90	155	5.31	3.54	6.10				with 9mm spacer	
12N11-3A-1	11	135	90	155	5.31	3.54	6.10	MB10U	14.5	135	90	155	5.31	3.54	6.10				with 9mm spacer	
12N11-3B	11	135	90	155	5.31	3.54	6.10	MB10U	14.5	135	90	155	5.31	3.54	6.10				with 9mm spacer	
12N12-4A	12	134	80	160	5.28	3.15	6.30	MB12U	15	134	80	161	5.28	3.15	6.34					
12N12-4A-1	12	134	80	160	5.28	3.15	6.30	MB12U	15	134	80	161	5.28	3.15	6.34					
12N14-3A	14	134	89	166	5.28	3.50	6.54	MBTX14AU	16.5	135	90	168	5.31	3.54	6.61					
12N14-3B	14	134	89	166	5.28	3.50	6.54	MBTX14AU	16.5	135	90	168	5.31	3.54	6.61					
12N16-3A	16	176	101	156	7.00	3.98	6.14	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10					
12N16-3B	16	176	101	156	7.00	3.98	6.14	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10					
12N16-4A	16	176	101	156	7.00	3.98	6.14	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10					
12N16-4B	16	176	101	156	7.00	3.98	6.14	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10					
12N18-3	18	206	91	164	8.11	3.58	6.46	MBTX24U	25	205	87	162	8.07	3.43	6.38					
12N18-3A	18	206	91	164	8.11	3.58	6.46	MBTX24U	25	205	87	162	8.07	3.43	6.38					
Y50-N18A-A	20	205	90	175	8.07	3.54	6.93	MBTX24U	25	205	87	176	8.07	3.43	6.93				with 14mm spacer	
Y50-N18L-A	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
Y50-N18L-A-2	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
Y50-N18L-A3	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
SY50N18LA	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
SY50-N18L-AT	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
Y50-N18L-A-CX	20	205	90	162	8.07	3.54	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38					
12N24-3	24	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
12N24-4	24	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
12N24-3A	24	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
12N24-4A	24	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N24-A	28	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N24L-A	28	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N24L-A2	28	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N24L-B	28	184	124	175	7.24	4.88	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N30L-A	30	187	130	170	7.36	5.12	6.69	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
Y60-N30L-B	30	187	130	170	7.36	5.12	6.69	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89					
YB2.5-C	2.5	80	70	105	3.15	2.76	4.13	MB2.5U	2.5	80	70	105	3.15	2.76	4.13					
YB2.5-C-1	2.5	80	70	105	3.15	2.76	4.13	MB2.5U	2.5	80	70	105	3.15	2.76	4.13					
YB2.5-C-2	2.5	80	70	105	3.15	2.76	4.13	MB2.5U	2.5	80	70	105	3.15	2.76	4.13					
YB3LA	3	98	56	110	3.86	2.20	4.33	MB3U	3.8	98	56	110	3.86	2.20	4.33					
YB3LB	3	98	56	110	3.86	2.20	4.33	MB3U	3.8	98	56	110	3.86	2.20	4.33					
YB4L-A	4	120	70	92	4.72	2.76	3.62	MBTX4U	4.7	114	70	87	4.49	2.76	3.43					
YB4L-B	4	120	70	92	4.72	2.76	3.62	MBTX4U	4.7	114	70	87	4.49	2.76	3.43					
YB5L-B	5	120	60	130	4.72	2.36	5.12	MB5U	7	120	60	130	4.72	2.36	5.12					
YB7B-B	7	150	60	130	5.91	2.36	5.12	MB7BB	9	150	60	130	5.91	2.36	5.12					
YB7C-A	7	130	90	114	5.11	3.54	4.48	MB7C-A	9	129	89	114	5.07	3.50	4.48					
YB7-A	8	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
YB7AA	8	135	75	150	5.31	2.95	5.91	MB9U	11	136	76	133	5.35	2.99	5.24				with 16mm spacer	
YB7L-A	8	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
YB7L-B	8	135	75	133	5.31	2.95	5.24	MB9U	11	136	76	133	5.35	2.99	5.24					
YB9A	9	135	75	139																



Conventional / JIS	Capacity	Dimensions in MM			Dimensions in Inches			MOTOBATT	Capacity	Dimensions in MM			Dimensions in Inches			Notes
		AH	L	W	H	L	W			H	AH	L	W	H	L	
YTX15	13	175	87	130	6.89	3.43	5.12	MBTX12U	14	151	87	130	5.94	3.43	5.12	
YTX15L	13	175	87	130	6.89	3.43	5.12	MBTX12U	14	151	87	130	5.94	3.43	5.12	
YTX15L-BS	13	175	87	130	6.89	3.43	5.12	MBTX12U	14	151	87	130	5.94	3.43	5.12	
YTX16	14	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX16-BS	14	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX16-BS-1	14	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX16H-BS	14	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YT19BL-BS	17.7	185	81	170	7.44	3.19	6.69	MB51814	22	186	82	171	7.32	3.23	6.73	
YTX20CH	18	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX20CH-BS	18	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX20A-BS	17	150	87	161	5.91	3.43	6.34	MBTX16U	19	151	87	161	5.94	3.43	6.34	
YTX20H	19	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20H-BS	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20HL	19	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20HL-BS	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20HL-PW	19	175	87	175	6.89	3.43	6.89	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	with 20mm spacer
YTX20HL-BS-PW	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20-BS	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20L	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX20L-BS	18	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
GYZZ20L	20	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
GYZZ20H	20	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
GYZZ20HL	20	175	87	155	6.89	3.43	6.10	MBTX20U(HD)	21	175	87	155	6.89	3.43	6.10	
YTX24	21	205	87	162	8.07	3.43	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38	
YTX24H-BS	20	205	87	162	8.07	3.43	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38	
YTX24HL	21	205	87	162	8.07	3.43	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38	
YTX24HL-BS	21	205	87	162	8.07	3.43	6.38	MBTX24U	25	205	87	162	8.07	3.43	6.38	
GYZ32HL	32	166	126	175	6.54	4.96	6.89	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89	
CT9B4	9	150	70	104	5.91	2.76	4.09	MBT9B4	9	150	70	104	5.91	2.76	4.09	
CTX18-BS	21	205	90	164	8.07	3.54	6.46	MBTX24U	25	205	87	162	8.07	3.43	6.38	
CTX18L-BS	21	205	90	164	8.07	3.54	6.46	MBTX24U	25	205	87	162	8.07	3.43	6.38	
CTX19-BS	19	175	101	157	6.89	3.98	6.18	MBTX20U(HD)	21	175	100	155	6.89	3.94	6.10	
CTX19L-BS	19	175	101	157	6.89	3.98	6.18	MBTX20U(HD)	21	175	100	155	6.89	3.94	6.10	
GT16-BS	19	176	101	156	6.93	3.98	6.14	MBTX20U(HD)	21	175	100	155	6.89	3.94	6.10	
GT16L-BS	19	176	101	156	6.93	3.98	6.14	MBTX20U(HD)	21	175	100	155	6.89	3.94	6.10	
GTX18L-BS	20	206	91	164	8.11	3.58	6.46	MBTX24U	25	205	87	162	8.07	3.43	6.38	
GT4B-4	2.3	114	39	86.5	4.49	1.54	3.41	MBT4BB	3	113	38	87	4.45	1.50	3.43	
YT7B-4	6.5	150	65	93	5.91	2.56	3.66	MB7U	6.5	151	65	94	5.94	2.56	3.70	
YT12B-4	10	150	69	130	5.91	2.72	5.12	MBT12B4	11	150	70	130	5.91	2.76	5.12	
YT14B-4	12	150	70	145	5.91	2.76	5.71	MBT14B4	13	150	70	145	5.91	2.76	5.71	
YTZ5S	3.5	113	70	86	4.45	2.76	3.39	MBTX4U	4.7	114	70	87	4.49	2.76	3.43	
YTZ6S	5	114	70	107	4.49	2.76	4.21	MBTZ7S	6.5	114	70	107	4.49	2.76	4.21	
YTZ7S	6	114	70	107	4.49	2.76	4.21	MBTZ7S	6.5	114	70	107	4.49	2.76	4.21	
YTZ8V	7	113	70	130	4.45	2.76	5.12	MBTX7U	8	114	70	128	4.49	2.76	5.04	
YTZ10S	8.6	150	87	93	5.91	3.43	3.66	MBTZ10S	8.6	151	87	95	5.94	3.43	3.74	
YTZ12S	11	150	87	110	5.91	3.43	4.33	MBTZ14S	11.2	151	87	110	5.94	3.43	4.33	
YTZ14S	11.2	150	87	110	5.91	3.43	4.33	MBTZ14S	11.2	151	87	110	5.94	3.43	4.33	
51814	19(17.7)	186	82	171	7.32	3.23	6.73	MB51814	22	186	82	171	7.32	3.23	6.73	
51913	19(17.7)	186	82	171	7.32	3.23	6.73	MB51814	22	186	82	171	7.32	3.23	6.73	
51815	18(16.7)	180	90	162	7.09	3.54	6.38	MB18U	22.5	180	90	162	7.09	3.54	6.38	

Note - Above DIN types AH measured at 20hr rate. Estimated 10hr rate is shown in parentheses

52515	25	186	130	171	7.32	5.12	6.73	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89	MB -20mm L, -4mm W, +4mm H
53030	20	186	130	171	7.32	5.12	6.73	MBTX30U(HD)	32	166	126	175	6.54	4.96	6.89	MB -20mm L, -4mm W, +4mm H
U1-7	18	196	130	180	7.72	5.12	7.09	MBU1-35	35	195	131	181	7.68	5.16	7.13	
U1-9	24	196	130	180	7.72	5.12	7.09	MBU1-35	35	195	131	181	7.68	5.16	7.13	
U1-32	32	196	130	180	7.72	5.12	7.09	MBU1-35	35	195	131	181	7.68	5.16	7.13	
U1L-11	28	195	131	181	7.68	5.16	7.13	MBU1-35	35	195	131	181	7.68	5.16	7.13	
U1-R7	18	196	130	180	7.72	5.12	7.09	MBU1R-35	35	195	131	181	7.68	5.16	7.13	
U1-R9	24	196	130	180	7.72	5.12	7.09	MBU1R-35	35	195	131	181	7.68	5.16	7.13	
U1R-11	28	195	131	181	7.68	5.16	7.13	MBU1R-35	35	195	131	181	7.68	5.16	7.13	
U1-R32	32	196	130	180	7.72	5.12	7.09	MBU1R-35	35	195	131	181	7.68	5.16	7.13	

MOTORCYCLES

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid
<b>AERMACCHI</b>							260	R26, R27 Single Cylinder	55-69	*			
125	SX		MB9U				310	G310R	16-19	MBTX9U		MPLTZ14S-HP	MHTX14S
175	SX		MB9U				450	G450	09-11	MBTZ7S		MPLX7U-HP	MHTX7
250	SX		MB9U				500	R50/2 Twin Cylinders	55-69	*			
<b>APRILIA</b>							500	R50/5	70-73	MB51814		MPLS1814-HP	MHS1814
50	RS50	00-05	MBTX4U		MPLX7U-HP	MHTX7	500	R50/S Twin Cylinders	55-69	*			
50	RS4 50	11-13	MBTZ7S		MPLX7U-HP	MHTX7	600	R60, R60/2 Twin Cylinders	55-69	*			
50	SR50	00-01	MBTX4U		MPLX7U-HP	MHTX7	600	R60/S	70-73	MB51814		MPLS1814-HP	MHS1814
50	SR50 Ditech	01-05	MBTZ7S		MPLX7U-HP	MHTX7	600	R60/6, R60/7	69-84	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30
50	Mojito	04-05	MBTX4U		MPLX7U-HP	MHTX7	650	F650, G650GS	93-16	MB12U			
50	Rally	04-05	MBTX4U		MPLX7U-HP	MHTX7	650	G650GS	15-16	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
50	Scarebeo 50	00-03	MBTX4U		MPLX7U-HP	MHTX7	650	F650GS	08-12	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
125	RS125	-11	MB9U				650	R65	84-95	MBTX30U	MBTX30UHD		



MOTORCYCLES

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid
1125	Buell Racing 1125RR	09	MBT27S		MPLX7U-HP	MHTX7	1262	1260 Multistrada	18-20	MBT12B4		MPL14B4-HP	MH14B4
1200	1200 X1 Lightning	99-02	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	1262	Daivel S	16-20	MBT12B4		MPL14B4-HP	MH14B4
1200	1200 S1 Lightning	96-99	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	1299	1299 Superbike Panigale S	15-20	MBTU			
1200	1200 S3, S3T Thunderbolt	97-02	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	<b>EXCELSIOR</b>						
1200	1200 M2 Cyclone	97-02	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	1386	1386 Super X	99-00	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
1200	1200 S2, S2T Thunderbolt	94-96	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	<b>GAS GAS</b>						
1200	1200 RR1200	88-90	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	250	250 Pampera	96-01	MBTX4U		MPLX7U-HP	MHTX7
1200	1200 RS1200	89-93	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	300	EC300 R	17-22	MBTZ7S		MPLX7U-HP	MHTX7
1200	1200 RSS1200	91-93	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	300	EC250 R	17-22	MBTZ7S		MPLX7U-HP	MHTX7
1200	1200 XB12R Firebolt	04-10	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	320	320 Pampera	98-01	MBTX4U		MPLX7U-HP	MHTX7
1200	1200 XB12S, Sog. Lightning	04-10	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	370	370 Pampera	97	MBTX4U		MPLX7U-HP	MHTX7
1200	1200 XB12X, XT Ullyses	06-10	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	450	450 FSR450	-08	MBTZ7S		MPLX7U-HP	MHTX7
<b>CAGIVA</b>													
50	50 City, Lucky, Explorer	94-97	MBTX4U		MPLX7U-HP	MHTX7	<b>GILERA</b>						
50	50 K3, W4	98	MBTX4U		MPLX7U-HP	MHTX7	50	50 Bullit, Easy Moving, Runner	-97	MBTX4U		MPLX7U-HP	MHTX7
125	125 Crouser	87-88	MB9U				50	50 Eaglet	95-97	MBTX4U		MPLX7U-HP	MHTX7
125	125 Freccia C9, C10R, C12R	87-90	MB9U				50	50 GSA E-Starter	*	MBTX4U		MPLX7U-HP	MHTX7
125	125 Mito	90-97	MB9U				50	50 Runner	-97	MBTX4U		MPLX7U-HP	MHTX7
125	125 N 90	97	MB9U				50	50 Sioux E-Starter	*	MBTX4U		MPLX7U-HP	MHTX7
125	125 Roadster	94-97	MB9U				50	50 Stalker, Storm, Top Rally	*	MBTX4U		MPLX7U-HP	MHTX7
125	125 Superity	91-97	MB9U				50	50 Typhoon	-97	MBTX4U		MPLX7U-HP	MHTX7
350	350 Elefant 2 Cyl.	86	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 Apache Kick-Start	*	MB9U			
350	350 T4 E Elefant, W12	87	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 Apache E-Starter	*	MB9U			
350	350 T4R	87	MB3U				125	125 Arizona Kick-Start	*	MB9U			
500	500 T4 E Elefant	88	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 Arizona E-Starter	*	MB9U			
750	750 Elefant	94-97	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	125	125 Corona Kick-Start	*	MB9U			
750	750 Elefant Bifaro	89	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 Corona E-Starter	*	MB9U			
900	900 Elefant E900		MB16U				125	125 CX Kick-Start	*	MB9U			
<b>CANNONDALE</b>													
440	C440, E440, S440, X440, X440S	02-03	MBTZ7S		MPLX7U-HP	MHTX7	125	125 CX E-Starter	*	MB9U			
440	EX400, MX400, XC400	00-01	MBTZ7S		MPLX7U-HP	MHTX7	125	125 Fast Bike Kick-Start	*	MB9U			
<b>CCM</b>													
600	600 All Electric Start Models	96-01	MBTX9U		MPLTZ14S-HP	MHTZ14S	125	125 Fast Bike E-Starter	*	MB9U			
<b>DERBI</b>													
	All Models		MBTX4U		MPLX7U-HP	MHTX7	125	125 Fast Bike E-Starter	*	MB9U			
<b>DUCASTI</b>													
399	399 Scrambler Sixty2	16	MBT12B4		MPL14B4-HP	MH14B4	125	125 Freestyle Kick-Start	*	MB9U			
500	500 GTL, GTV	*	MBTX24U				125	125 Freestyle E-Starter	*	MB9U			
500	500 Pantah	*	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 GFR Kick-Start	*	MB9U			
500	500 Sport	*	MBTX24U				125	125 GFR E-Starter	*	MB9U			
600	600 Pantah	*	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 KK, KZ Kick-Start	*	MB9U			
600	600 TL	*	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 KK, KZ E-Starter	*	MB9U			
650	650 Alazurra, Indiana, Pantah	*	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 MX1, MXR Kick-Start	*	MB9U			
696	696 Monster 696	08-13	MBT12B4		MPL14B4-HP	MH14B4	125	125 MX1, MXR E-Starter	*	MB9U			
748	748 Strada Biposto, SP, SPS	97-00	MB16AU				125	125 Nebraska Kick-Start	*	MB9U			
750	750 F1, Montjuich, Paso	87-90	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 Nebraska E-Starter	*	MB9U			
750	750 GT, Luguna Seca	*	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	125	125 R1, R1S Kick-Start	*	MB9U			
750	750 Indiana	*	MBTX14AU		MPLX14AU-HP	MHTX14	125	125 R1, R1S E-Starter	*	MB9U			
750	750 Monster	97-00	MB16AU				125	125 RC Rally	*	MB10U		MPLX14AU-HP	MHTX14
750	750 Sport	89-90	MB16AU				125	125 RTX, RV, RX Kick-Start	*	MB9U			
750	750 SS Supersport Kick-Str.	89-90	MB12U				125	125 RTX, RV, RX E-Starter	*	MB9U			
750	750 SS	90-00	MB16AU				125	125 SP01, SP02 Kick-Start	*	MB9U			
796	796 Hypermotard	10-13	MBT12B4		MPL14B4-HP	MH14B4	125	125 SP01, SP02 E-Starter	*	MB9U			
796	796 Monster 796	10-13	MBT12B4		MPL14B4-HP	MH14B4	125	125 TOP Rally Kick-Start	*	MB9U			
803	797 Monster	17-18	MBT12B4		MPL14B4-HP	MH14B4	125	125 TOP Rally E-Starter	*	MB9U			
803	803 Scrambler	15-16	MBT12B4		MPL14B4-HP	MH14B4	125	125 Typhoon	*	MB9U			
821	821 Monster	14-18	MBT12B4		MPL14B4-HP	MH14B4	125	125 XR1, XR2 Kick-Start	*	MB9U			
848	848 848, Corse SE	08-13	MBT12B4		MPL14B4-HP	MH14B4	125	125 XR1, XR2 E-Starter	*	MB9U			
848	848 Street Fighter	10-13	MBT12B4		MPL14B4-HP	MH14B4	200	200 Arizona	*	MB9U			
851	851 851 Superbike	90-91	MB16AU				200	200 Fast Bike	*	MB9U			
851	851 S Superbike	91-92	MB16AU				200	200 Fast Bike	*	MB9U			
860	860 GT, GTS	*	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	200	200 RT, RV, RX Kick-Start	*	MB9U			
860	860 Kick-Start	*	MB12U				200	200 RT, RV, RX E-Starter	*	MB9U			
888	888 SP, SP II, SP IV, SP V	90-95	MB16AU				200	200 T4	**	MB9U			
900	900 Monster	94-00	MB16AU				250	250 Arizona Rally	*	MB10U		MPLX14AU-HP	MHTX14
900	900 SS Kick-Start	-81	MB12U				250	250 V NGR Kick-Start	*	MB9U			
900	900 SS Replica	-81	MB12U				250	250 V NGR E-Starter	*	MB10U		MPLX14AU-HP	MHTX14
900	900 SS Supersport, Replica	82-	MBTX14AU		MPLX14AU-HP	MHTX14	350	350 Dakota Kick-Start	*	MB9U			
900	900 SS	89-00	MB16AU				350	350 ER Kick-Start	**	MB10U		MPLX14AU-HP	MHTX14
900	900 SL	92-98	MB16AU				500	500 ER E Starter	**	MB10U		MPLX14AU-HP	MHTX14
900	900 Supersport FE	97-98	MB16AU				500	500 XRT350 XRT	**	MBTX14AU		MPLX14AU-HP	MHTX14
906	906 Paso	90-92	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	500	500 Dakota Kick-Start	*	MB9U			
907	907 I.E.Paso	90-94	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	500	500 Dakota E-Starter	*	MB10U		MPLX14AU-HP	MHTX14
916	916 916 Biposto, Senna, Strada	94-98	MB16AU				600	600 Northwest	93	MBTX14AU		MPLX14AU-HP	MHTX14
916	916 I.E.SP, SP S	94-98	MB16AU				600	600 RC 600C	93	MBTX14AU		MPLX14AU-HP	MHTX14
916	916 ST4	99-00	MB16AU				600	600 Top Rally, XRT	*	MBTX14AU		MPLX14AU-HP	MHTX14
939	939 Hypermotard	16-20	MBT12B4		MPL14B4-HP	MH14B4	<b>HARLEY</b>						
939	939 Hyperstrada	16-20	MBT12B4		MPL14B4-HP	MH14B4	90	Z90	73-76	MB9U			
940	950 Multistrada	17-20	MBT12B4		MPL14B4-HP	MH14B4	125	SS125, SX125	74-78	MB9U			
944	944 Suport Touring 2 (ST2)	97-00	MB16AU				125	SXT125	75-78	MB9U			
959	959 Panigale	16-20	MB7U				125	TX125	73-78	MB9U			
996	996 996, S, SPS	99-00	MB16AU				175	SS175, SX175	74-78	MB9U			
1000	1000 Desmosedici RR	08-09	MBT12B4		MPL14B4-HP	MH14B4	250	SS250, SX250	75-78	MB9U			
1000	1000 GT1000, Touring, Sport 1100S	09	MBT12B4		MPL14B4-HP	MH14B4	350	SS350	Early Years*				
1000	1000 Monster S2R	05-07	MBT12B4		MPL14B4-HP	MH14B4	500	500 MT500 (Military)	All Years	MBTX14AU		MPLX14AU-HP	MHTX14
1098	1098 1098	07-09	MBT12B4		MPL14B4-HP	MH14B4	500	500 500 Street	14-21	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16
1098	1098 1098	07	MBY216HD		MPLX16U-HP	MHTX16	500	750 750 Street	14-21	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16
1098	1098 Various All Other Models	01-10	MBY216HD		MPLX16U-HP	MHTX16	883	883 XL, XLH (Sportster)	04-17	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16
1100	1100 Monster 1100	09-13	MBT12B4		MPL14B4-HP	MH14B4	883	883 XL, XLH (Sportster)	97-03	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
1100	1100 Multistrada	07-09	MBT12B4		MPL14B4-HP	MH14B4	883	883 XL (Sportster)	86-96	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
1100	1100 Hypermotard	07-13	MBT12B4		MPL14B4-HP	MH14B4	1000	1000 XL Series (Sportster)	79-85	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
1100	1100 Street Fighter, S	09-12	MBT12B4		MPL14B4-HP	MH14B4	1000	1000 XLCH Series (Sportster Kick Start)	70-78	MB9U			
1198	1198 1198, MY08, SP, R	09-11	MBT12B4		MPL14B4-HP	MH14B4	1000	1000 XLRC Cafe Racer	77-78	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
1198	1198 Diavel	11-17	MBT12B4		MPL14B4-HP	MH14B4	1000	1000 XLH (Sportster Electric Start)	67-78	MBTX12U	MBY216HD	MPLX16U-HP	



MOTORCYCLES

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid
550	CB550 Four, K, SS	74-78	MB12U				1100	CRF1100L Africa Twin	18-21				
550	CB550SC Nighthawk	83	MB12U				1100	GL1100 Gold Wing	80-83	MBTX24U			MHTX24
600	CB600F (599)	04-06	MBTX7U		MPLX7U-HP	MHTX7	1100	ST1100, ABS-TCS, 1100A	91-02	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
600	CBR600	87-00	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1100	VF1100C V65 Magna	83-86	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
600	CBR600F4i	01-07	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1100	VF1100S V65 Sabre	84-85	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
600	CBR600RR	01-21	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1100	VT1100C2 Shadow Sabre	00-07	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
600	VT600C, CD Shadow Deluxe	04-07	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1100	VT1100C, C3.T Shadow	01-07	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
600	VT600C, CD Shadow Deluxe, VLX	88-03	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1100	VT1100C (Spirit, Aero, A, C, E, Tourer)	01-07	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
600	XL600R	83-87	MB3U				1100	VT1100C, C3.T Shadow	98-00	MB16A			
600	XL600V Transalp	89-90	MB12U			MH12U	1100	VT1100C, (Spirit, Aero, A, C, E, Tourer)	98-00	MB16A			
650	CB650, Custom	79-82	MB12U			MH12U	1100	VT1100C Shadow Spirit	85-97	MB16A			
650	CB650SC Nighthawk	83-85	MB12U			MH12U	1100	VT1100C2 Shadow A.C.E.	95-99	MB16A			
650	CB650SC Nighthawk	82	MB12U			MH12U	1200	GL1200 Gold Wing	84-87	MBTX24U			MHTX24
650	CB650FA	18	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1200	VFR1200F	10-14	MBTX14S		MPLX12U4S-HP	MHTX14S
650	CBR650F, RA	14-21	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1200	VFR1200XD, X	13-17	MBTX14S		MPLX12U4S-HP	MHTX14S
650	CBR650R, RA	19-21	MBTX10S		MPLX12U4S-HP	MHTX12U4S	1300	CTX1300	14	MBTX14S		MPLX12U4S-HP	MHTX14S
650	CX650C Custom	83	MBTX14AU		MPLX14AU-HP	MHTX14	1300	ST1300, A, P	03-13	MBTX14S		MPLX14AU-HP	MHTX14S
650	CX650T Turbo	83	MBTX14AU		MPLX14AU-HP	MHTX14	1300	VTX1300 Interstate, Stalentine	14-16	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
650	GL650I Silver Wing Interstate	83	MBTX14AU		MPLX14AU-HP	MHTX14	1300	VTX1300 Interstate Sabre	12-13	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
650	NT650 Hawk GT	88-91	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1300	VTX1300 Interstate	14-15	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
650	NT650V	98-10	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1300	VTX1300C, R, S, Retro	03-12	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
650	NX650	88-89	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1300	VT1300CS, CR, CXA FURY	09-21	MBTX14S		MPLX12U4S-HP	MHTX14S
650	SLR650	97-98	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1300	CB1300 Super Four	01-13	MBTX14S		MPLX12U4S-HP	MHTX14S
650	Vigor 650	99	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1500	GL1500 Gold Wing	88-00	MBTX24U			MHTX24
650	XR650L	93-21	MBTX9U		MPLX12U4S-HP	MHTX12U4S	1500	GL1500 Valkyrie	97-03	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
670	NT700V	10-13	MBTX14S		MPLX14AU-HP	MHTX14	1800	GL1800 Gold Wing	01-08	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
670	NC700X	12-21	MBTX14S		MPLX14AU-HP	MHTX14	1800	VTX1800C, F, N, R, Retro, S	02-11	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
670	NC700J (NM4)	15-17	MBTX14S		MPLX14AU-HP	MHTX14	1800	NRX1800 Valkyrie Rune	04-05	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
670	CTX700, DCT	16-17	MBTX14S		MPLX14AU-HP	MHTX14	1832	GL1800 Gold Wing, F6B, F6C	09-21	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
680	DN-01	09-13	MBTX14S		MPLX14AU-HP	MHTX14	1832	GL1800 Gold Wing Valkyrie	14-15	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20
700	CB700SC Nighthawk 'S'	84-86	MBTX14AU		MPLX14AU-HP	MHTX14	<b>HUSABERG</b>						
700	CTX700	14-19	MBTX14S		MPLX14AU-HP	MHTX14	125	TE125	12-14	MBTX4U		MPLX7U-HP	MHTX7
700	VF700C Magna	87	MB12U			MH12U	250	FE250	13	MBTZ7S		MPLX7U-HP	MHTX7
700	VF700C Magna	84-86	MBTX14AU		MPLX14AU-HP	MHTX14	250	TE250 (2T)	10-14	MBTX4U		MPLX7U-HP	MHTX7
700	VF700F Interceptor	84-85	MBTX14AU		MPLX14AU-HP	MHTX14	300	TE300 (2T)	10-13	MBTX4U		MPLX7U-HP	MHTX7
700	VF700S Sabre	84-85	MBTX14AU		MPLX14AU-HP	MHTX14	300	TE300 (2T)	14-15	MBTZ7S		MPLX7U-HP	MHTX7
700	VFR700 Interceptor	86-87	MB12U			MH12U	300	TE300 (2T)	14-15	MBTZ7S		MPLX7U-HP	MHTX7
700	VT700C Shadow	86-87	MBTX14AU		MPLX14AU-HP	MHTX14	350	FE350	13-14	MBTZ7S		MPLX7U-HP	MHTX7
700	VT700C Shadow	84-85	MB16A				390	FE390	09-12	MBTZ7S		MPLX7U-HP	MHTX7
700	CB750 Nighthawk	91-03	MBTX14AU		MPLX14AU-HP	MHTX14	450	FC450	06-08	MBTX4U		MPLX7U-HP	MHTX7
700	CB750A Hondamatic	76-78	MBTX24U				450	FE450	09-14	MBTZ7S		MPLX7U-HP	MHTX7
700	CB750C Custom	80-82	MBTX14AU		MPLX14AU-HP	MHTX14	450	FS-C450	01-05	MBTX4U		MPLX7U-HP	MHTX7
700	CB750F Super Sport	75-82	MBTX14AU		MPLX14AU-HP	MHTX14	450	FS-E Supermoto	04-08	MBTX4U		MPLX7U-HP	MHTX7
700	CB750K Four	69-82	MBTX14AU		MPLX14AU-HP	MHTX14	450	FS-E / Supermoto	09-12	MBTZ7S		MPLX7U-HP	MHTX7
700	CB750K Limited Edition	79	MBTX14AU		MPLX14AU-HP	MHTX14	450	FX450	09-12	MBTX4U		MPLX7U-HP	MHTX7
700	CB750SC Nighthawk	80-84	MBTX14AU		MPLX14AU-HP	MHTX14	450	FX450	13	MBTZ7S		MPLX7U-HP	MHTX7
700	VFR750R (RC45)	94	MBTX9U		MPLX12U4S-HP	MHTX12U4S	501	FC501	95-96	MBTX9U		MPLX12U4S-HP	MHTX12U4S
700	NC750X A.D	17-21	MBTX14S		MPLX14AU-HP	MHTX14	501	FC501	99-00	MBTX9U		MPLX12U4S-HP	MHTX12U4S
700	VF750C V45 Magna	88	MB12U			MH12U	501	FE501	95	MBTX9U		MPLX12U4S-HP	MHTX12U4S
700	VF750C V45 Magna	82-83	MBTX14AU		MPLX14AU-HP	MHTX14	501	FE501	99-00	MBTX9U		MPLX12U4S-HP	MHTX12U4S
700	VF750C, C2, D Magna	94-03	MBTX12U		MPLX16U-HP	MHTX16	501	FE501	02-05	MBTX4U		MPLX7U-HP	MHTX7
700	VF750 V45 Interceptor	83-84	MBTX14AU		MPLX14AU-HP	MHTX14	501	FE501	14-15	MBTZ7S		MPLX7U-HP	MHTX7
700	VF750S V45 Sabre	82-83	MBTX14AU		MPLX14AU-HP	MHTX14	550	FE550	03-08	MBTX4U		MPLX7U-HP	MHTX7
700	VFR750F Interceptor	86	MB12U			MH12U	550	FS-E Supermoto	08	MBTX4U		MPLX7U-HP	MHTX7
700	VFR750F	90-97	MBTX12U		MPLX16U-HP	MHTX16	570	FS-E Supermoto	09-12	MBTZ7S		MPLX7U-HP	MHTX7
700	VFR750R (RC30)	90	MBTX9U		MPLX12U4S-HP	MHTX12U4S	570	FE570	09-12	MBTZ7S		MPLX7U-HP	MHTX7
700	VT750C, CA, C2	04-08	MBTX9U		MPLX12U4S-HP	MHTX12U4S	570	FE570	09-12	MBTZ7S		MPLX7U-HP	MHTX7
700	VT750C Shadow	83	MB16A				650	FE650	03-08	MBTX4U		MPLX7U-HP	MHTX7
700	VT750C, CD Shadow	98-03	MBTX12U		MPLX16U-HP	MHTX16	651	FS650	03-08	MBTX4U		MPLX7U-HP	MHTX7
700	VT750C, CA C2 Shadow	04-09	MBTX14S		MPLX14AU-HP	MHTX14	<b>HUSABERG</b>						
750	VT750C, C2, C2B, RS, Shadow, Phantom, Aero, Spirit	10-21	MBTX14S		MPLX14AU-HP	MHTX14	150	TE150	17-18	MBTX4U		MPLX7U-HP	MHTX7
750	VT750C, DCA, DCB Shadow	01-03	MBTX14S		MPLX14AU-HP	MHTX14	150	TE150i	19-21	MPLX7U-HP		MPLX7U-HP	MHTX7
800	PC800 Pacific Coast	89-98	MBTX12U		MPLX16U-HP	MHTX16	250	TE250 (2T)	02-17	MBTZ7S		MPLX7U-HP	MHTX7
800	VFR800, Interceptor	14-16	MBTX14S		MPLX14AU-HP	MHTX14	250	TE250i	19-22	MPLX7U-HP		MPLX7U-HP	MHTX7
800	VFR800, A, Interceptor, ABS	02-12	MBTX9U		MPLX12U4S-HP	MHTX12U4S	250	FE250	14-16	MBTZ7S		MPLX7U-HP	MHTX7
800	VFR800F1 Interceptor	98-01	MBTX12U		MPLX16U-HP	MHTX16	250	FE250	18-22	MPLX7U-HP		MPLX7U-HP	MHTX7
800	VT800C Shadow	88	MBTX14AU		MPLX14AU-HP	MHTX14	250	FC250	16-21	MPLX7U-HP		MPLX7U-HP	MHTX7
900	CB900C, F	80-82	MBTX14AU		MPLX14AU-HP	MHTX14	250	TC250	12-13	MBTZ7S		MPLX7U-HP	MHTX7
900	CBR900R, RR	93-99	MBTX9U		MPLX12U4S-HP	MHTX12U4S	250	TXC250 (2T)	02-13	MBTZ7S		MPLX7U-HP	MHTX7
919	CB900F (919)	02-06	MBTX10S		MPLX12U4S-HP	MHTX12U4S	300	TX300	16-17	MBTX4U		MPLX7U-HP	MHTX7
929	CBR929RR, RE	00-01	MBTX10S		MPLX12U4S-HP	MHTX12U4S	300	TX300i	18-21	MPLX7U-HP		MPLX7U-HP	MHTX7
954	CBR954RR	02-03	MBTX10S		MPLX12U4S-HP	MHTX12U4S	300	TE300 (2T)	14-16	MBTZ7S		MPLX7U-HP	MHTX7
1000	CB1000	94-95	MBTX12U		MPLX16U-HP	MHTX16	310	TE310	08-13	MBTZ7S		MPLX7U-HP	MHTX7
1000	CB1000C Custom	83	MBTX14AU		MPLX14AU-HP	MHTX14	310	TXC310	08-13	MBTZ7S		MPLX7U-HP	MHTX7
1000	CB1000R	09-21	MBTX10S		MPLX12U4S-HP	MHTX12U4S	350	FX350	16-17	MBTX4U		MPLX7U-HP	MHTX7
1000	CBF1000F	09-10	MBTX10S		MPLX12U4S-HP	MHTX12U4S	350	FX350	18-21	MPLX7U-HP		MPLX7U-HP	MHTX7
1000	CBR1000F Hurricane	87-96	MBTX14AU		MPLX14AU-HP	MHTX14	350	FE350	14-16	MBTZ7S		MPLX7U-HP	MHTX7
1000	CBR1000RA (ABS)	08-19	MBTX10S		MPLX12U4S-HP	MHTX12U4S	350	FE350	17-22	MPLX7U-HP		MPLX7U-HP	MHTX7
1000	CBR1000RR-SP	16-17	MBTZ7S		MPLX7U-HP	MHTX7	350	FC350	16-22	MPLX7U-HP		MPLX7U-HP	MHTX7
1000	CBR1000RR-SP2	17-21	MBTZ7S		MPLX7U-HP	MHTX7	401	401 Svartpilen, Vitpilen	18-21	MBTX9U			
1000	CBR1000RR	08-21	MBTZ7S		MPLX7U-HP	MHTX7	410	TE410E	99-01	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16
1000	CBR1000RR	04-07											

Powersport - Battery Applications



MOTORCYCLES

Table listing motorcycle models, years, and battery applications. Columns include CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, and Hybrid. Models range from KZ1000-R Replica to VN2000-A Vulcan.

Powersport - Battery Applications



MOTORCYCLES

Table listing motorcycle models, years, and battery applications. Columns include CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, and Hybrid. Models range from RV200 VanVan to VZ800 M50 Boulevard.



**MOTORCYCLES**

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	
800	VZ800 Marauder	97-08			MPLX16U-HP	MHTX16	1050	1050 Sprint GT	11-18	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16	
850	GS850G, GL	79-83			MPLX14AU-HP	MHTX14	1050	1050 Tiger	07-12	MBT12B4		MPL14B4-HP	MHT14B4	
900	RF900, R, S, ZS	94-97			MPLX16U-HP	MHTX16	1050	1050 Tiger	13-18	MBTX12U	MBYZ16HD	MPLX16U-HP	MHTX16	
1000	DL1000 V-Strom, ABS Adventure	02-17			MPLX16U-HP	MHTX16	1160	1200 Speed Triple RS	21-22					
1000	DL1000ALB, XAL, XAL8	18-19			MPLX14AU-HP	MHTX14	1200	1200 Trophy	12-16	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1000	GS1000	78-82			MPLX14AU-HP	MHTX14	1200	1200 Trophy	00-04	MBYZ16HD		MPLX16U-HP	MHTX16	
1000	GSX-S1000, A,S,F	16-20			MPLX14AU-HP	MHTX14	1200	1200 Trophy All Other Models	93-99	MBTX14AU		MPLX14AU-HP	MHTX14	
1000	GSX-R1000	01-04			MPLX16U-HP	MHTX16	1215	1215 Trophy	12-16	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1000	GSX-R1000,A	05-17			MPLX14AU-HP	MHTX14	1200	1200 Thruxton, RS	16-22					
1000	GSX-R1000, R,Z, AL8	17-19			MPLX14AU-HP	MHTX14	1200	1200 Bobber	21-22					
1000	GSX-R1000 A	20			MPLX14AU-HP	MHTX14	1200	1200 T120 Bonneville	16-22	MBTX9U		MPLX14AU-HP	MHTX14S	
1000	SV1000, S	03-07			MPLX16U-HP	MHTX16	1200	1200 Bonneville Speedmaster	21-22					
1000	TL1000R	98-03			MPLX14AU-HP	MHTX14	1200	1200 Speed Twin	22					
1000	TL1000S	97-01			MPLX16U-HP	MHTX16	1200	1200 Scrambler	22					
1100	GSX1100S, Katana	81-01			MPLX14AU-HP	MHTX14	1215	1215 Tiger Explorer	12-22	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1100	GS1100E,S	80-83			MPLX14AU-HP	MHTX14	1600	1600 Thunderbird, LT	09-18	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1100	GS1100G, K, L, Katana	82-84			MPLX14AU-HP	MHTX14	2300	2300 Rocket III	03-19	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1100	GSX-R1100	86-92			MPLX14AU-HP	MHTX14	2500	2500 Rocket III, R, GT	20-21	MBTX16U		MPLX16U-HP	MHTX16	
1100	GSX-R1100W	93-98			MPLX16U-HP	MHTX16	<b>VICTORY</b>							
1100	GSX1100F Katana	88-93			MPLX14AU-HP	MHTX14	1200	Ocane	16-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1100	GSX1100G	91-93			MPLX16U-HP	MHTX16	1507 (92)	Vegas, Kingpin, Hammer	03-05	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1150	GS1150E, S	83-86			MPLX14AU-HP	MHTX14	1507 (92)	V92TC Touring Cruiser	02-06	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1200	GSF1200, S Bandit	97-05			MPLX16U-HP	MHTX16	1507 (92)	V925S Sport Cruiser	00-01	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1200	GV1200GL Madura	85-86			MPLX14AU-HP	MHTX14	1507 (92)	V92C, DC Classic, Deluxe Cruiser	98-04	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1250	GSF1250S, A, Bandit, FA	07-16			MPLX14AU-HP	MHTX14	1634 (100)	Vegas, Kingpin, Hammer (-08)	06-10	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1300	GSX1300BK B-King	08-11			MPLX16U-HP	MHTX16	1731	Vegas, Jackpot, Hammer, Ness, Vision,	08-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1300	GSX1300R Hayabusa	99-07			MPLX14AU-HP	MHTX14	(106)	Gunner, Judge		MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1300	GSX1300R, Z Hayabusa	08-20			MPLX16U-HP	MHTX16	1731	Cross Country, Cross Roads, Magnum, X1	10-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	
1400	GV1400GC, D, T Cavalcade	86-88			MPLX16U-HP	MHTX16	<b>YAMAHA</b>							
1400	VS1400GL Intruder, GLP, S83	87-11			MPLX16U-HP	MHTX16	50	DT50 Enduro	88-90	MBT6N4				
1500	VL1500 Intruder, Boulevard C90	98-11			MPLX16U-HP	MHTX16	50	LB50P Chappy	78-82	MBT6N4				
1500	VL1500 Boulevard C90, T, Boss	14-17			MPLX16U-HP	MHTX16	50	LC50 Champ	80-81	MBT6N4				
1500	VZ1500 Boulevard M90	09-17			MPLX16U-HP	MHTX16	50	MJ50 Towner	82	MBT6N4				
1600	Marauder, Boulevard M95	04-05			MPLX16U-HP	MHTX16	50	QT50 Yamahopper	79-87	MBT6N4				
1800	VZR1800 (M109R), Boss	06-19			MPLX16U-HP	MHTX16	50	RX50 Special	83-84	MBT6N4				
1800	VLR1800 (C109R)	08-12			MPLX16U-HP	MHTX16	50	SG50 Sting	84	MB2.5U				
<b>TRIUMPH</b>														
183	Tigress	*			MBT6N11A1B		50	TTR50E	06-22	MBT6N4				
200	Tiger	*			MBT6N11A1B		50	YSR50	87-92	MBT6N4				
250	Tigress (6V)	*			MBT6N11A1B		60	JT2 Mini Enduro	72	MBT6N22A3				
250	Tigress (12V)	*			(2)x MBT6N11A1B		60	RD60	73-75	MBT6N4				
350	350 (6V)	*			MB386A		80	DT80 Mini Enduro	81-83	MBT6N4				
350	350 (12V)	*					80	G6S, G6SB	70-71	MBT6N4				
350	350 3TA, Twenty One	*			MB386A		80	G7S	72	MBT6N4				
500	500 (12V)	*					80	GT1 Mini Enduro	73	MBT6N4				
500	5TA, TR5A/R	*			MBT6N11A1B		80	GT80 Mini Enduro	74-80	MBT6N4				
600	600 (12V)	*					80	LB80 Chappy	76-78	MBT6N4				
600	6T, T20B	*			MBT6N11A1B		80	YG1	62-66	MBT6N4				
600	Daytona 600/650, Speed Four	03-05			MPLX14AU-HP	MHTX14	80	YG5T, YG5S	68-69	MB9U				
600	TT600	00-03			MPLX16U-HP	MHTX16	90	HS1, HS1B	70-71	MB9U				
650	650 T120 Bonneville	*			MB9U		100	TTR90E Electric Start	03-07	MBT4B8				
660	660 Trident	21-22					100	DT100 Enduro	77-83	MBT6N4				
675	675 Daytona 675, R	06-10			MB7U		100	DT100 Enduro	74-76	MBT6N4				
675	675 Daytona 675, R	11-16			MBTX9U		100	L5T, L5TA	69-70	MB9U				
675	675 Street Triple, R	08-17			MPLX14AU-HP	MHTX14	100	LS2	72	***				
750	750 Bonneville, Tiger	*			MB9U		100	LT2, LT3 100 Enduro	72-73	MBT6N4				
750	750 T150 Trident	*			MB9U		100	RS100	75-76	MBT6N4				
750	750 All Other Models	93-97			MBTX14AU		110	YL2C / CM	68	MB9U				
765	765 Street Triple R, RS	19-22			MPLX14AU-HP	MHTX14	110	TTR110E Electric Start	08-22	MBT4B8				
765	765 Daytona Moto2	19-22					125	AS2C	69	MB5.5U				
800	800 Bonneville	01-05			MPLX16U-HP	MHTX16	125	AT1E, AT1B, AT1C 125 Enduro	69-71	MB9U				
800	800 Speedmaster	03-05			MPLX16U-HP	MHTX16	125	AT2, AT3 125 Enduro	72-73	MB9U				
800	800 Tiger	11-17			MPLX16U-HP	MHTX16	125	DT125 Enduro	74-81	MB9U				
865	865 America	01-16			MPLX16U-HP	MHTX16	125	RD125	75-76	***				
865	865 Bonneville T100,SE	05-07			MPLX16U-HP	MHTX16	125	TTR125E / LE Electric Start	03-22	MBTX4U		MPLX7U-HP	MHTX7	
865	865 Scrambler	05-07			MPLX16U-HP	MHTX16	125	XT125	82-83	MBT6N4				
865	865 Bonneville T100,SE, FI	08-10			MPLX14B4-HP	MHT14B4	125	YAS1/C	64-66	MB10U		MPLX14AU-HP	MHTX14	
865	865 Scrambler	08-10			MPLX14B4-HP	MHT14B4	175	CT2, CT3 175 Enduro	72-73	MBT6N4				
865	865 Bonneville T100,SE, FI	11-18			MPLX16U-HP	MHTX16	175	DT175 Enduro	78-81	MBT6N6				
865	865 Scrambler	11-17			MPLX16U-HP	MHTX16	175	DT175 Enduro	74-76	MBT6N4				
865	865 Speedmaster	09-17			MPLX16U-HP	MHTX16	185	SR185 Exciter	81-82	MB9U				
865	865 Thruxton	09-16			MPLX16U-HP	MHTX16	200	BW200E Big Wheel	86-88	MB7CA				
888	850 Tiger Sport	21-22					200	CS3B, CS3C	70-71	MB9U				
888	900 Tiger GT, Low,Pro, Rally	21-22					200	CS5	72	MB9U				
900	900 Bonneville Street Cup	16-17					200	RD200	74-76	MB9U				
900	900 Bonneville T100	16-17					200	TW200	87-22	MB7CA				
900	900 Scrambler, Bonneville	06-07			MPLX16U-HP	MHTX16	200	XT200	82-83	MBT6N4				
900	T90	*			MBT6N11A1B		200	YCS1	68	MB9U				
900	900 Street Scrambler	22					200	RD200	74-76	MB9U				
900	900 Street Twin	22					225	TTR225	99-05	MB7BB				
900	900 T100	22					225	XT225	01-07	MBTZ7S		MPLX7U-HP	MHTX7	
900	900 Tiger	99-01			MPLX16U-HP	MHTX16	225	XT225 Serow	92-00	MBTX7U		MPLX7U-HP	MHTX7	
900	900 Thruxton	03-08			MPLX16U-HP	MHTX16	230	TTR230E	05-22	MBTZ7S		MPLX7U-HP	MHTX7	
900	900 Thunderbird	02-03			MPLX14AU-HP	MHTX14	250	DS6B, DS6C	69-70	MB9U				
900	900 All Other Models	91-01			MPLX14AU-HP	MHTX14	250	DS7	72	MB5.5U				
955	955 Daytona 955i,Speed Triple,Sprint ST	04-04			MPLX16U-HP	MHTX16	250	DT2 250 Enduro	72	MBT6N4				
955	955 Sprint RS	00-04			MPLX16U-HP	MHTX16	250	DT250 Enduro	77-79	MBT6N6				
955	955 Tiger	02-06			MPLX16U-HP	MHTX16	250	DT250 Enduro	74-76	MBT6N4				
955	955 All Other Models	96-97			MPLX14AU-HP	MHTX14	250	DT3 250 Enduro	73	MBT6N4				
1000	1000 Daytona	92-93			MPLX14AU-HP	MHTX14	250	RD250	73-75	***				
1050	1050 Speed Triple,R	05-10			MPLX16U-HP	MHTX16	250	SR250 Exciter	80-82	MB12U		MH12U		
1050	1050 Speed Triple,R	11-19			MPLX14AU-HP	MHTX14	250	SRX 250	87	MB12U		MH12U		
1050	1050 Sprint ST	05-10			MPLX16U-HP	MHTX16	250	TTR 250	99-06	MB7U				

**MOTORCYCLES & ATV**

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid
250	WR250X, R	08-22			MPLX7U-HP	MHTX7	900	MT-09	18-22	MBTZ10S		MPLX214S-HP	MHTZ14S
250	WR250F	08-22			MPLX7U-HP	MHTX7	900	MKT9 Nekin	19-22	MBTZ10S		MPLX214S-HP	MHTZ14S
250	WR250F	03-07			MPLX7U-HP	MHTX7	900	900 Tracer, GT	19-22	MBTZ10S		MPLX214S-HP	MHTZ14S
250	XT250	08-22			MPLX7U-HP	MHTX7	900	XSR900	16-21	MBTZ10S		MPLX214S-HP	MHTZ14S
250	XT250	84			MB3U		900	XJ900R Seca	83	MBTX14AU			
250	XT250	80-83			MBT6N6		900	TDM900 (EU)	02-13	MBT12B4		MPL14B4-HP	MHT14B4
250	XV250 Route 66	88-90			MB10U		920	XV920 Virago	82	MBTX24U		MHTX24	
250	XV250 Virago	95-03			MPLX14AU-HP	MHTX14	920	XV920M Midnight Virago	83	MBTX24U		MHTX24	
250	XV250YCR V Star 250	09-20			MPLX14AU-HP	MHTX14	920	XV920R Virago	81-83	MBTX24U		MHTX24	
250	YZ250FX	15-22			MPLX7U-HP	MHTX7	950						



ATV

Table listing various ATV models, years, and battery applications (Motobatt, Heavy Duty, Lithium, Hybrid) for brands like Honda, Yamaha, Kawasaki, and others.

ATV & UTV

Table listing various ATV & UTV models, years, and battery applications (Motobatt, Heavy Duty, Lithium, Hybrid) for brands like Yamaha, Honda, and others.



**UTV & SCOOTER**

CC	Model	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	Model	Year	Motobatt	Heavy Duty	Lithium	Hybrid
500	Pioneer	15-20	MBY216HD		MPLX16U-HP	MHTX16	50	Beamer 50, Beamer III	00-12	MBTZ7S		MPLX7U-HP	MBHX7
700	MUV700 Big Red	08-13	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	50	Matrix 50	-12	MBTZ7S		MPLX7U-HP	MBHX7
700	5X5 Pioneer	15-20	MBY216HD		MPLX16U-HP	MHTX16	50	Sport 50	-12	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
1000	Talon	19-21	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	150	Sport 150	-12	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
1000	Pioneer	16-21	MBY216HD		MPLX16U-HP	MHTX16	150	Matrix R4-150	-12	MBTX9U		MPLTZ14S-HP	MHTZ14S
300	KAF300, Mule 500, 520, 550	ALL	MBTX14AU		MPLX14AU-HP	MHTX14	150	Beamer R4-150	-12	MBTX9U		MPLTZ14S-HP	MHTZ14S
400	KAF400, Mule 600, 610	05-16	MBTX14AU		MPLX14AU-HP	MHTX14	<b>HONDA</b>						
401	KAF400 Mule SX	17-21	MBTX14AU		MPLX14AU-HP	MHTX14	50	CHF50 Metropolitan, II, SP	02-13	MBTZ7S		MPLX7U-HP	MBHX7
450	KAF450, Mule 1000	ALL	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	Gorilla	All Years	MT4R			
540	KAF540, Mule 2010, 2020, 2030	ALL	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	Monkey	All Years	MT4R			
620	KAF620, Mule 3010 4x4	ALL	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	NB50 Aero	85-87	MBTX4U		MPLX7U-HP	MBHX7
620	Advantage Classic	03-07	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	NB50M Aero	83-84	MBTX4U		MPLX7U-HP	MBHX7
620	KAF620, Mule 2500, 2510, 2520	ALL	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	NCH50 Metropolitan	13-18	MBTX4U		MPLX7U-HP	MBHX7
620	KAF620, Mule 3000, 3010, 3020	ALL	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	NCW50	18-22	MBTX4U		MPLX7U-HP	MBHX7
620	Mule 4000	09-20	MBU1-35				50	NN50MD Gyro	84	MBTX4U		MPLX7U-HP	MBHX7
620	KAF620F, Mule 4010 4x4 (US)	09-21	MBU1-35				50	NPS50, S Ruckus	03-22	MBTZ7S		MPLX7U-HP	MBHX7
620	KAF620F, Mule 4010 4x4 (CN)	09-21	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	NQ50 Spree, 50D SS	86-87	MBTX4U		MPLX7U-HP	MBHX7
620	Mule 4010 Trans 4x4, Diesel, Mule 4000	09-21	MBTZ26RHD				50	NQ50 Spree	84-85	MBTX4U		MPLX7U-HP	MBHX7
700	Mule Pro MX	19-21	MBNS40ZL				50	P50 Little Honda	67-68	MBT6N4			
750	Teryx All Models (US)	08-13	MBY216HD		MPLX16U-HP	MHTX16	50	PA50I Moped, PA50II	78-83	MBT6N4			
750	Teryx All Models (CN)	08-13	MBY216HD		MPLX16U-HP	MHTX16	50	SA50 Elite LX, S, SR	88-01	MBTX4U		MPLX7U-HP	MBHX7
800	KRF800 TERYX, TERYX4	14-21	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	SB50 (All)	88-90	MBTX4U		MPLX7U-HP	MBHX7
812	Mule Pro FX, FXR, FXT	15-20	MBTZ26RHD				50	SE50 Elite (All)	87	MBTX4U		MPLX7U-HP	MBHX7
950	KAF950, Mule 2510, 3010 Diesel	-10	MBTZ26RHD				50	SH50 Scoopy	96-97	MT4R			
950	Mule 4010 Diesel	11-13	MBTZ26RHD				50	SJ50 Bali	97	MT4R			
993	1000 KAF1000 Mule Pro DX, DXT	16-21	MBTZ26RHD				50	SK50, M	97-98	MT4R			
993	1000 KRF1000 TERYX	20-21	MBTZ26RHD				50	SK50 Sky Vetro	99	MT4R			
450	UXV450	13-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	SXR50	-	MT4R			
500	UXV500	13-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	SZ50	0	MT4R			
700	UXV700	13-17	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	50	TG50 Gyro S (All)	85-86	MBTX4U		MPLX7U-HP	MBHX7
170	Ranger RZR	16-21	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	50	Z50J	92	MT4R			
400	Ranger 400, 4X4, HO	10-14	MBTX14AU		MPLX14AU-HP	MHTX14	50	ZX50	94	MT4R			
425	Ranger 2x4	02-03	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	50	X8R-X, X8S-S	99	MT4R			
500	Ranger 6x6, 4x4	09-10	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	80	CH80 Elite	93-09	MBTZ7S		MPLX7U-HP	MBHX7
500	Ranger 4x4	04-10	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	80	NH80 Aero	85	MBTZ7S		MPLX7U-HP	MBHX7
500	Ranger 4x4	11-13	MBTX14AU		MPLX14AU-HP	MHTX14	80	NH80M Aero	83-84	MBU5			
500	Ranger	19-21	MBTX14AU		MPLX14AU-HP	MHTX14	110	NHX110 Elite	10-13	MBTX7U		MPLX7U-HP	MBHX7
570	RZR 570, Trail	12-21	MBTX14AU		MPLX14AU-HP	MHTX14	125	CH125 Elite	84	MB9U			
570	RZR 570 EPS	13-21	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	125	FES125	*	MBTX9U		MPLTZ14S-HP	MHTZ14S
570	Ranger 4x4 EPS	14-21	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	125	NH125 Aero	84	MBU5			
570	Ranger Full Size	19-21	MBTX14AU		MPLX14AU-HP	MHTX14	125	Pantheon 125	*	MBTX9U		MPLTZ14S-HP	MHTZ14S
570	Ranger Crew 570-4	16-21	MBTX14AU		MPLX14AU-HP	MHTX14	125	PCX	10-13	MBTZ7S		MPLX7U-HP	MBHX7
570	Ranger Crew 570-6	16-21	MBTX14AU		MPLX14AU-HP	MHTX14	125	SH125	10-12	MBTX7U		MPLX7U-HP	MBHX7
570	Ranger Crew EBV, EBX, EBH	18-21	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	125	SH125	13	MBTZ7S		MPLX7U-HP	MBHX7
700	Ranger 6x6, 4x4	08-10	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	150	ADV150A	21-22	MBTX7U		MPLX7U-HP	MBHX7
800	Ranger RZR	08-14	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	150	CH150 Elite	87	MBTX9U		MPLTZ14S-HP	MHTZ14S
800	Ranger RZR 4, RZR S800	10-14	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	150	CH150 Elite Deluxe	85-86	MB9U			
800	Ranger	10-14	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	150	SH150	10-12	MBTX7U		MPLX7U-HP	MBHX7
800	Ranger, 6X6	14-17	MBTZ26HD				150	SH150	13	MBTZ7S		MPLX7U-HP	MBHX7
900	Ranger RZR	11-14	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	150	FES150	All Years	MBTX9U		MPLTZ14S-HP	MHTZ14S
900	Ranger RZR	15-21	MBTZ26HD				150	PCX150	13	MBTZ7S		MPLX7U-HP	MBHX7
900	Ranger Diesel	11-14	MBTZ26HD				150	PCX150	15-21	MBTX7U		MPLX7U-HP	MBHX7
900	Ranger XP	13-19	MBTZ26HD				150	WW150	19-20	MBTX7U		MPLX7U-HP	MBHX7
900	Ranger Crew	14-19	MBTZ26HD				250	CH250 Elite	85-90	MBTX12U		MPLX16U-HP	MHTX16
1000	Ranger XP, XP 4	14-21	MBTZ26HD				250	CN250 Helix	93-09	MBTX12U		MPLX16U-HP	MHTX16
1000	Ranger Diesel	15-20	MBTZ26HD				250	CN250 Helix	86-87	MBTX12U		MPLX16U-HP	MHTX16
1000	RZR RS1 EPS	20-21	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	250	NSS250 Reflex	01-09	MBTZ14S		MPLX9U-HP	MHTZ14S
1000	RZR RS1 EPS	18-21	MBTX30U	MBTX30UHD	MPLX30UHD-HP	MHTX30	250	PS250 Big Ruckus	05-08	MBTZ14S		MPLX9U-HP	MHTZ14S
1000	RZR XP 1000 Turbo 4, S	14-21	MBTZ26HD				250	SM250	09-13	MBTZ14S		MPLX9U-HP	MHTZ14S
620	QUV620F	05	MBTX20U	MBTX20UHD	MPLX20UHD-HP	MHTX20	300	NSS300 Forza	14-17	MBTZ14S		MPLX9U-HP	MHTZ14S
700	Rhino All Years	ALL	MBU1-35				600	FSC600 Silver Wing	02-15	MBTZ14S		MPLX9U-HP	MHTZ14S
700	Viking	14-21	MBU1-35				50	X8R-X, X8S-S	99	MT4R			
700	Viking V1 EPS	19-21	MBU1-35				<b>HYOSUNG</b>						
700	Wolverine, X4, SE	16-21	MBU1-35				50	50 SB50 Super Cab, SD50 Sense, SF50 Prima, Rally, Sense	All Years	MBTX4U		MPLX7U-HP	MBHX7
700	Wolverine, X2, R-Spec	19-21	MBU1-35				50	QT50	14-16				
1000	1000 YXZ1000R, SS, SE	16-21	MBU1-35				100	EZ100	All Years	MBTZ7S		MPLX7U-HP	MBHX7
50	Sport City	08-13	MB9U				250	NS3-250	All Years	MBTX9U		MPLTZ14S-HP	MHTZ14S
50	SR50	09-16	MB9U				<b>KYMCO</b>						
100	Scarabeo ST	09-13	MB9U				50	50 Super 8	09-16	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
125	Sport City	08-13	MB9U				50	50 Super 9	09-10	MBTZ7S		MPLX7U-HP	MBHX7
150	Mojito	09-10	MBTX7U		MPLX7U-HP	MBHX7	50	50 People	09-13	MBTZ7S		MPLX7U-HP	MBHX7
200	Scarabeo	09-13	MB12U		MHT12U		50	50 People S	09-10	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
250	Sport City	09-13	MBTX12U		MPLX16U-HP	MHTX16	50	50 Agility	09-16	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
300	Atlantic	-12	MB12U		MHT12U		125	125 People S ABS	09-10	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
500	Scarabeo	09-13	MBTX12U		MPLX16U-HP	MHTX16	125	125 Agility	-16	MBTZ7S		MPLX7U-HP	MBHX7
850	SRV850	12-13	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	150	150 People S	09-13	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
600	C600 Sport	13-16	MBY216HD		MPLX16U-HP	MHTX16	150	150 Super 8	09-16	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
600	C600	11-12	MBTZ14S		MPLX9U-HP	MHTZ14S	200	200 People S	-11	MBTX7ABS	MBTZ10S	MPLTZ14S-HP	MHTZ14S
650	C650GT, Sport	11-18	MBY216HD		MPLX16U-HP	MHTX16	200	200 People GT	13	MBTX9U		MPLTZ14S-HP	MHTZ14S
650	C650 Evolution	16-18	MBTX9U		MPLTZ14S-HP	MHTZ14S	250	250 People	09-11	MBTX12U		MPLX16U-HP	MHTX16
							250	250i Xciling	10-11	MBTX12U		MPLX16U-HP	MHTX16
							300	300 Downtown	-13	MBTX9U		MPLTZ14S-HP	MHTZ14S

**SCOOTER & WATERCRAFT**

CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid	CC	MODEL	Year	Motobatt	Heavy Duty	Lithium	Hybrid
300	300 People GT	13-16	MBTX9U		MPLTZ14S-HP	MHTZ14S	50	XF50W (C3)	07-13	MBTZ7S		MPLX7U-HP	MBHX7
400	Xciling 400i	09	MBTX12U		MPLX16U-HP	MHTX16	50	YW50A Zuma	02-19	MBTZ7S		MPLX7U-HP	MBHX7
500	Xciling 500i	09-16	MBTX12U	MBY216HD	MPLX16U-HP	MHTX16	50	50 VOX	-13	MBTZ7S	</		







WATERCRAFT & SNOWMOBILE


Table with columns: CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, Hybrid, CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, Hybrid. Lists various watercraft models like Superjet, Bearcat, and snowmobile models like Ski-Doo, Yamaha, and Polaris.

SNOWMOBILE


Table with columns: CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, Hybrid, CC, MODEL, Year, Motobatt, Heavy Duty, Lithium, Hybrid. Lists snowmobile models from Yamaha, Arctic Cat, and others.





 	Battery Type:	MBC30HL
	Voltage:	12V
	CCA:	380
	Capacity (10HR):	29Ah
	Weight:	9.5 kgs / 20.94lbs
	Dimensions (in / mm):	L:166(6.54) W:126(4.96) H:175(6.89)
Assembly Figure:		(-/+)






**Solid Mount terminal design for Harley Big Twin**






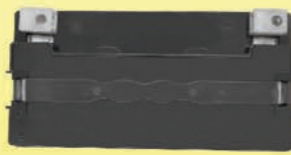



 	Battery Type:	MBC20HL
	Voltage:	12V
	CCA:	280
	Capacity (10HR):	20Ah
	Weight:	5.8kgs/12.79lbs
	Dimensions (in / mm):	L:176.5(6.95) W:87.5(3.45) H:154(6.06)
Assembly Figure:		(-/+)



**Solid Mount terminal design for Harley Big Twin**







**GO BEYOND LIMITS OF BOTH LEAD ACID AND LITHIUM BATTERIES**

*Revolutionary Technologies*

**MFlex** Multiple & Flexible Terminal

- ✓ Adjustable Terminal Options
- ✓ Solid and Tied Wire Connection
- ✓ Copper Terminals provide Superior conductivity

**MHT** Motobatt Hybrid Technology

- ✓ Outstanding Cranking Power
- ✓ Longer Life Cycle
- ✓ Faster Charging Time
- ✓ Safer and More Stable
- ✓ Constant Cranking in All Weather

**HP** High Performance Design

- ✓ Over-charge Protection
- ✓ Over-discharge Protection
- ✓ Dynamic cell balancing
- ✓ Temperature Control

**AGM** Absorbed Glass Mat

- ✓ Recovers Rapidly
- ✓ Plate Designed for Powersports
- ✓ Vibration Resistant



Motobatt Hybrid goes beyond limits of both lithium battery and lead acid battery, by **ACHIEVES THE BEST PERFORMANCE OF BOTH WHILE COMPATIBLE WITH ALL OEM CHARGING SYSTEMS.**

*1+1 >3 Superior Performance*

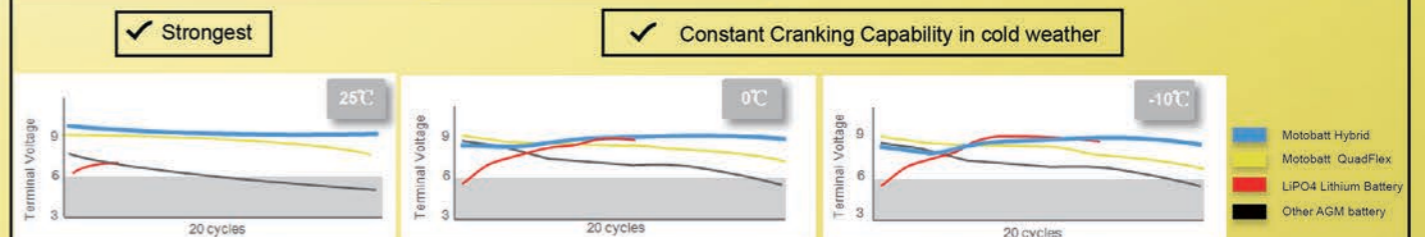
**Compare to Lead Acid Battery**

- 🔋 90% **STRONGER** in cranking power
- ⚡ 30% **LIGHTER** in weight
- 🕒 500% **LONGER** in life cycle
- 📉 50% **LOWER** in self-discharge rate
- ⌚ **FASTER** in charging time
- 🌡️ **CONSTANT Cranking** in cold weather
- 🛡️ **PROTECTION** against over-charging over-discharging and heat

**Compare to Lithium Battery**

- 🔌 **Compatible with OEM charging systems**
- 🔋 200% **MORE** in Amp Hour Capacity
- 🌡️ **Temperature Stable**
- 🕒 **LONGER** life cycle
- 🌡️ **STRONGER** cranking in cold weather
- 🔌 **ADAPTABLE** to lead acid charger
- 🔌 **MORE** electronic connections

**REAL WORLD Cranking Performance Test** (Parallel comparison by multiple start attempts)



Note: Lithium battery stops continuing testing as a result of over heated or lack of capacity.



**ONLY 6 MODELS of Motobatt Hybrid REPLACE 92 JIS MODELS !**

		Model	MHTX30
		Voltage	12 V
C (10) / C (20)	24 / 25.4 Ah	CA Power	650 A
PHCA	820A	Weight	7.70 kg
Dimension	L(166) x W(126) x H(175) mm		
Terminal Locations	4		
Replacing JIS models	20 SKU	Replacing Motobatt Models	MBTX30U MBTX30UHD MPLX30UHD
EVA Spacer	17mm bottom x 1 pc		

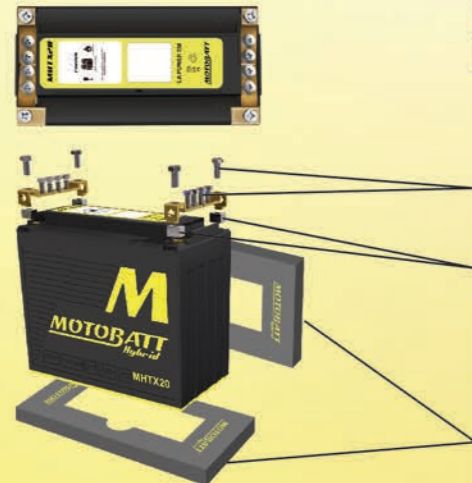
		Model	MHTX20
		Voltage	12 V
C (10) / C (20)	15 / 15.9 Ah	CA Power	550 A
PHCA	690A	Weight	4.20 kg
Dimension	L(175) x W(87) x H(155) mm		
Terminal Locations	4		
Replacing JIS models	34 SKU	Replacing Motobatt Models	MBTX20U MBTX20UHD MPLX20UHD
EVA Spacer	20mm bottom x 1 pc & 15mm side x 1 pc		

		Model	MH51814
		Voltage	12 V
C (10) / C (20)	13 / 13.8 Ah	CA Power	500 A
PHCA	620A	Weight	4.00 kg
Dimension	L(186) x W(82) x H(171) mm		
Terminal Locations	4		
Replacing JIS models	3 SKU	Replacing Motobatt Models	MB51814 MPL51814
EVA Spacer			

		Model	MHTX16
		Voltage	12 V
C (10) / C (20)	9.5 / 10.1 Ah	CA Power	350 A
PHCA	500A	Weight	2.50 kg
Dimension	L(151) x W(87) x H(130) mm		
Terminal Locations	4		
Replacing JIS models	21 SKU	Replacing Motobatt Models	MBTX12U MBYZ16H MBTX16U
EVA Spacer	15mm bottom x 2 pcs		

		Model	MH14B4
		Voltage	12 V
C (10) / C (20)	7.5 / 8.0 Ah	CA Power	330 A
PHCA	450A	Weight	2.10 kg
Dimension	L(150) x W(70) x H(171) mm		
Terminal Locations	2		
Replacing JIS models	4 SKU	Replacing Motobatt Models	MBT12B4 MBT14B4 MPL14LB4
EVA Spacer	15mm bottom x 1 pc		

		Model	MHT214S
		Voltage	12 V
C (10) / C (20)	6.7 / 7.1 Ah	CA Power	270 A
PHCA	400A	Weight	2.00 kg
Dimension	L(149) x W(84) x H(95) mm		
Terminal Locations	2		
Replacing JIS models	10 SKU	Replacing Motobatt Models	MBTX9U MBT210S MBT214S
EVA Spacer	5mm bottom x 1 pc & 10mm bottom x 1 pc		



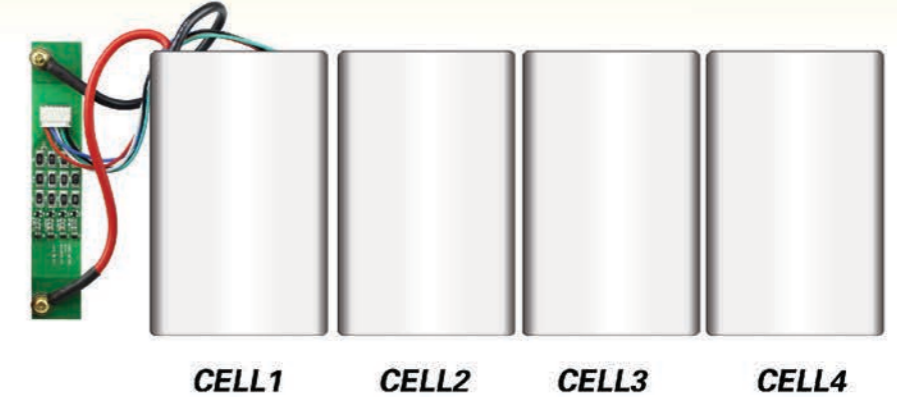
**PARTS & ACCESSORIES**

Part	Code	Specification
Screw	MHAS01	Phillips hex head M6x12mmx1.0 mm pitch
	MHAS02	Phillips hex head M5x12mmx0.8 mm pitch
Lock Nut	MHALN01	M6x1.0mm pitch, 2 position
	MHALN02	M6x1.0mm pitch, 1 position
Terminal Cover	MHATC01	Adjustable, red/black
EVA FOAM Spacer	MHASP01	Bottom: 175x87x20mm
	MHASP02	Bottom: 166x126x17mm
	MHASP03	Side or Bottom: 150x70x15mm
	MHASP04	Bottom: 149x84x10mm
	MHASP05	Bottom: 149x84x5mm



**PERFORMANCE CELL BALANCER CIRCUIT**

**CHARGING**



- **BALANCER FUNCTION:** IS TO OPTIMIZE EACH CELL VOLTAGE TO THE MAXIMUM OUTPUT
- **CELL PROTECTION:** BALANCE PROTECTION (PER CELL) ACTIVATE AT 3.59V

- SAFE - Most Stable Chemistry Available.
- POWERFUL - Dynamic Cell Balancer (CBC) to Maximize High Cranking Power.
- DURABLE - 5 Times Longer Life, No Sulfation & No need Off Season Maintenance.
- Fit & Go - Ready to go anytime, Super Light & Exact OE Fitment.




**CELL BALANCING CIRCUIT (CBC) P SERIES FEATURES:**

- This is a key feature of Motobatt batteries that many competitors do not have. It provides the ultimate in cell control giving superior performance, life span and safety.
- Each Motobatt Lithium battery contains a unique CBC which controls the charge and discharge of the cells at all times, especially when currents can be unreliable when in actual use on the machine.
- Many competitors require you to buy their specific battery charger at a high cost because the CBC is in the charger, not the battery itself.
- This is inferior cell control since the only time the cells are properly controlled is when connected to a wall socket.


Note Motobatt P-Series batteries do not have our unique PCB board. For maximum life choose the HP upgrade

**RECOMMENDED UPGRADE**


Motobatt Pro Lithium HP Series Featuring Protection Circuit Board (PCB) with automatic overcharging, over discharging and thermal protection.


Battery Type: MPLX7U-HP
Voltage: 12V CA: 165
Weight: 0.53kg
Dimensions (in / mm)
L: 4.49(114) W: 2.76(70) H: 3.43(87) HL: 5.00(127)
Assembly Figure
Terminal Locations: 2
Terminals: 2, M5x2.5 (Part#MPT1)
Screws: 4, M5X7 (Part#2xMPS1)
Allen Wrench: 1, 3x3 (Part#MPAK1)
Terminal Caps: 2, 11x5.5 (Part#MPC1)
EVA: 3,Bottom (2 Pcs EVA #:MPLX7U-EVA 110*67*20) (1 Pcs EVA #:MPLX7U-EVA 110*67*3)
EVA 1=20mm,2=20mm,3=3mm, total=43mm




Battery Type: MPLX14AU-HP
Voltage: 12V CA: 300
Weight: 1.00kg
Dimensions (in / mm)
L: 5.31(135) W: 3.54(90) H: 5.74(146) HL: 6.92(176)
Assembly Figure
Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#2xMPS2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#2xMPC2)
EVA: 3,Bottom (3 Pcs EVA #:MPLX14AU-EVA 132*87*10)
EVA 1=10mm,2=10mm,3=10mm, total=30mm




Battery Type: MPL14B4-HP
Voltage: 12V CA: 280
Weight: 0.83kg
Dimensions (in / mm)
L: 5.90(150) W: 2.76(70) H: 4.09(104) HL: 5.66(144)
Assembly Figure
Terminal Locations: 2
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#2xMPS2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
EVA: 3,Bottom (2 Pcs EVA #:MPL14B4-EVA 147*67*15) (1 Pcs EVA #:MPL14B4-EVA 147*67*10)
EVA 1=15mm,2=10mm,3=15mm, total=40mm



Battery Type: MPL51814-HP
Voltage: 12V CA: 370
Weight: 1.15kg
Dimensions (in / mm)
L: 7.32(186) W: 3.22(82) H: 6.73(171)
Assembly Figure
Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part#2xMPS2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#2xMPC2)
EVA: None



Battery Type: MPLTZ14S-HP
Voltage: 12V CA: 280
Weight: 0.89kg
Dimensions (in / mm)
L: 5.94(151) W: 3.43(87) H: 3.74(95) HL: 4.13(110)
Assembly Figure
Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#2xMPS2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#2xMPC2)
EVA: 2,Bottom (1 Pcs EVA #:MPLTZ14S-EVA 147*84*10) (1 Pcs EVA #:MPL16U-EVA 147*84*5)
EVA 1=10mm,2=5mm, total=15mm



Battery Type: MPLX16U-HP
Voltage: 12V CA: 370
Weight: 1.07kg
Dimensions (in / mm)
L: 5.94(151) W: 3.43(87) H: 5.11(130) HL: 6.29(160)
Assembly Figure
Terminal Locations: 4
Terminals: 2, M6x2.5 (Part#MPT2)
Screws: 4, M6X7 (Part#2xMPS2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#2xMPC2)
EVA: 2,Bottom (1 Pcs EVA #:MPLX16U-EVA 147*84*15) (1 Pcs EVA #:MPL16U-EVA 147*84*5)
EVA 1=15mm,2=15mm, total=30mm

MOTOBATT Pro Li Part #	CA	Battery Net Weight	Replace Quadflex Model
		KGS	
MPLXKTM16-P	165	0.47	Replace OE Battery
MPLX7U-P	165	0.49	MBTX4U MBTZ7S MBTX7U
MPLX7U-HP		0.53	
MPLTZ14S-P	280	0.82	MBTZ10S MBTX9U MBTZ14S
MPLTZ14S-HP		0.89	
MPL14B4-P	280	0.77	MBT9B4 MBT12B4 MBT4B4
MPL14B4-HP		0.83	

MPLX14AU-P	300	0.92	MB10U MBTX14AU
MPLX14AU-HP		1.00	
MPLX16U-P	370	0.99	MBTX12U MBYZ16H/HD MBTX16U
MPLX16U-HP		1.07	
MPL51814-P	370	1.07	MB51814
MPL51814-HP		1.15	

Motobatt Pro Lithium batteries require different care and maintenance to standard lead acid batteries.

- Always use an approved charger like Motobatt PDCFB and PDCT1 Lithium charger.
- Never wash or clean any lithium battery with contact cleaner or harsh solvents or failure may occur.
- Warranty will be voided by incorrect battery compatibility or usage, improper fitment, charging or storage. Batteries should be stored in a dry cool environment and kept away from liquids.



RECOMMENDED LITHIUM CHARGER

**FAT BOY  
PDCFB**



6 947312 408541



RECOMMENDED LITHIUM CHARGER

**TECH 1  
PDCT1**



Motobatt Pro Lithium batteries require a Lithium charger which can start the charging process at 0 Volts at the terminal so it can reactivate the safety board on our HP range of battery. Many chargers will not operate below 2 Volts at the terminal so a Motobatt Lithium charger must be used.

Motobatt Pro Lithium batteries are a high performance racing battery designed to produce high Cranking currents for short burst starting periods. Lithium starting batteries lack Amp Hour capacity and are not suitable for applications where high power loads are placed on the battery. Grip heaters, heated clothing, stereos, winches, light bars etc all draw excess loads and lithium is not designed to cope with these loads. Always check the current draw of your accessories to assess the suitability of your Lithium battery application. Warranty will be voided if incorrect application is the cause of failure.

For large capacity road bikes like Harley, Ducati, BMW, Triumph and Japanese always use Motobatt Hybrid technology. This technology has all the cranking amps of Lithium with the reliable Amp hour capacity of AGM.

**MOTOBATT**  
Quadflex



Nut and Bolt, Internal threaded, Z Post, F1, F2



Part # : MPT6-K

\* Brass Threaded SAE terminal with M8 Bolt for accessory attachment. Use for Marine and Automotive. Suitable for all Motobatt Internal threaded Deep Cycle SLA batteries.

**SLA Deep Cycle Batteries for UPS, Telecommunications, Solar, Generators, Oil and Gas**



**TOTALLY SEALED**  
No need to add water.



**POPULAR TERMINAL DESIGNS**  
Nut and Bolt, Internal threaded, Z Post, F1, F2.



**READY TO SALE**  
No activation required.



**ABSORBED GLASS MATT**  
Improved vibration resistance lowers internal resistance.



**20% MORE CAPACITY**  
Increased plate size maximizes capacity.



**LONGER LIFE**  
Proprietary active material and high purity electrolyte.

Not classified as DGs

**Easy Shipping**



**SLA AGM DEEP CYCLE BATTERY**







TERMINAL POSITION:








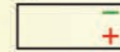
	Battery Type: MB1270F1
	Voltage: 12V
	C(20): 7Ah
	Weight: 1.96kg
	Internal Resistance: 28mΩ
	Dimensions (in/mm) L:151(5.94) W:65(2.56) H:94(3.70)
	Terminal Material/Type: Cu/F1
	Terminal Position: 
	Replace: 1270F1

	Battery Type: MB1270F2
	Voltage: 12V
	C(20): 7Ah
	Weight: 1.96kg
	Internal Resistance: 28mΩ
	Dimensions (in/mm) L:151(5.94) W:65(2.56) H:94(3.70)
	Terminal Material/Type: Cu/F2
	Terminal Position: 
	Replace: 1270F2

	Battery Type: MB12260NB
	Voltage: 12V
	C(20): 26Ah
	Weight: 8.42kg
	Internal Resistance: 12mΩ
	Dimensions (in/mm) L:166(6.54) W:175(6.89) H:125(4.92)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: 12260NB


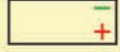
	Battery Type: MBD12200IT
	Voltage: 12V C(10): 200Ah
	Factory model(BCI): 4D
	Weight: 63.68kg
	Internal Resistance: 3mΩ
	Dimensions (in/mm) L:522(20.55) W:238(9.37) H:218(8.58)
	Terminal Material/Type: Cu/IT
	Terminal Position: 
	Replace: 12200IT

	Battery Type: MB1290F1
	Voltage: 12V
	C(20): 9Ah
	Weight: 2.48kg
	Internal Resistance: 19mΩ
	Dimensions (in/mm) L:151(5.94) W:65(2.56) H:94(3.70)
	Terminal Material/Type: Cu/F1
	Terminal Position: 
	Replace: 1290F1

	Battery Type: MB1290F2
	Voltage: 12V
	C(20): 9Ah
	Weight: 2.48kg
	Internal Resistance: 19mΩ
	Dimensions (in/mm) L:151(5.94) W:65(2.56) H:94(3.70)
	Terminal Material/Type: Cu/F2
	Terminal Position: 
	Replace: 1290F2

	Battery Type: MBD12250IT
	Voltage: 12V C(10): 250Ah
	Factory model(BCI): 8D
	Weight: 69.86kg
	Internal Resistance: 2.6mΩ
	Dimensions (in/mm) L:521(20.51) W:269(10.59) H:220(8.66)
	Terminal Material/Type: Cu/T11
	Terminal Position: 
	Replace: 12250IT



	Battery Type: MBD9012NB
	Voltage: 12V C(10)/C(20): 89/89Ah
	Factory model(BCI): 24
	Weight: 24.03kg
	Internal Resistance: 5.5mΩ
	Dimensions (in/mm) L:260(10.24) W:168(6.61) H:211(8.31)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: UB12750

	Battery Type: MB12120F2
	Voltage: 12V
	C(20): 12Ah
	Weight: 3.64kg
	Internal Resistance: 19mΩ
	Dimensions (in/mm) L:151(5.94) W:98(3.89) H:95(3.74)
	Terminal Material/Type: Cu/F2
	Terminal Position: 
	Replace: 12120F2

	Battery Type: MB12120NB
	Voltage: 12V
	C(20): 12Ah
	Weight: 3.64kg
	Internal Resistance: 19mΩ
	Dimensions (in/mm) L:151(5.94) W:98(3.89) H:95(3.74)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: 12120NB



	Battery Type: MBD9012IT
	C(10): 89Ah C(20): 89Ah
	Factory model(BCI): 25
	Weight: 24.03kg
	Internal Resistance: 5.5mΩ
	Dimensions (in/mm) L:260(10.24) W:168(6.61) H:211(8.31)
	Terminal Material/Type: Cu/T11
	Terminal Position: 
	Replace: UB12750

	Battery Type: MBD10512IT
	Voltage: 12V C(10)/C(20): 98/105Ah
	Factory model(BCI): 27
	Weight: 26.96kg
	Internal Resistance: 5.5mΩ
	Dimensions (in/mm) L:306(12.05) W:169(6.65) H:211(8.31)
	Terminal Material/Type: Cu/T11
	Terminal Position: 
	Replace: UB121000


	Battery Type: MB12180IT
	Voltage: 12V
	C(20): 18Ah
	Weight: 5.60kg
	Internal Resistance: 18mΩ
	Dimensions (in/mm) L:181(7.13) W:77(3.03) H:167(6.57)
	Terminal Material/Type: Cu/IT
	Terminal Position: 
	Replace: 12180IT


	Battery Type: MB12180NB
	Voltage: 12V
	C(20): 18Ah
	Weight: 5.60kg
	Internal Resistance: 18mΩ
	Dimensions (in/mm) L:181(7.13) W:77(3.03) H:167(6.57)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: 12180NB


	Battery Type: MBD10512NB
	Voltage: 12V C(10)/C(20): 98/105Ah
	Factory model(BCI): 27
	Weight: 26.96kg
	Internal Resistance: 5.5mΩ
	Dimensions (in/mm) L:306(12.05) W:169(6.65) H:211(8.31)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: UB121000


	Battery Type: MBD12012NB
	Voltage: 12V C(10)/C(20): 115/120Ah
	Factory model(BCI): 31
	Weight: 29.82kg
	Internal Resistance: 4.5mΩ
	Dimensions (in/mm) L:330(12.99) W:171(6.73) H:214(8.43)
	Terminal Material/Type: Cu/Z
	Terminal Position: 
	Replace: UB121100

\* Also available in internal thread

Battery Type: MBD12350IT
Voltage: 12V
C <sub>(10)</sub> : 33Ah      C <sub>(20)</sub> : 357Ah
Factory model(BCI): U1
Weight: 9.21kg
Internal Resistance: 10mΩ
Dimensions (in/mm) L:195(7.68) W:130(5.12) H:155(6.10)
Terminal Material/Type: Cu/T9
Terminal Position: 



Battery Type: MBD12350NB
Voltage: 12V
C <sub>(10)</sub> : 33Ah      C <sub>(20)</sub> : 357Ah
Factory model(BCI): U1
Weight: 9.21kg
Internal Resistance: 10mΩ
Dimensions (in/mm) L:195(7.68) W:130(5.12) H:155(6.10)
Terminal Material/Type: Cu/Z
Terminal Position: 

NO	USPS Model	Factory model	Replace	Motobatt SLA Deep Cycle Specs (All)																
				Terminal			V	Capacity		Internal Resistance (mΩ)	Dimension(mm)				Dimension (Inch)				Est. Weight (Kg)	
				Material	Position	Type		20 Hr (AH)	10 Hr (AH)		L (mm)	W (mm)	H (mm)	TH (mm)	L (In)	W (In)	H (In)	TH (In)		
																				BCI
1	MB1270F1	AGM	1270F1	Cu	F	F1	12	7.00	28	151	65	94	100	5.94	2.56	3.70	3.94	1.96		
2	MB1270F2	AGM	1270F2	Cu	F	F2	12	7.00	28	151	65	94	100	5.94	2.56	3.70	3.94	1.96		
3	MB1270NB	AGM	1270NB	Cu	F	NB	12	7.00	28	151	65	94	100	5.94	2.56	3.70	3.94	1.96		
4	MB1290F1	AGM	1290F1	Cu	F	F1	12	9	19	151	65	94	100	5.94	2.56	3.70	3.94	2.48		
5	MB1290F2	AGM	1290F2	Cu	F	F2	12	9	19	151	65	94	100	5.94	2.56	3.70	3.94	2.48		
6	MB1290NB	AGM	1290NB	Cu	F	NB	12	9	19	151	65	94	100	5.94	2.56	3.70	3.94	2.48		
7	MB12120F1	AGM	12120F1	Cu	F	F1	12	12	19	151	98	95	101	5.94	3.86	3.74	3.98	3.64		
8	MB12120F2	AGM	12120F2	Cu	F	F2	12	12	19	151	98	95	101	5.94	3.86	3.74	3.98	3.64		
9	MB12120NB	AGM	12120NB	Cu	F	NB	12	12	19	151	98	95	101	5.94	3.86	3.74	3.98	3.64		
10	MB12180IT	AGM	12180IT	Cu	D	IT	12	18	18	181	77	167	167	7.13	3.03	6.57	6.57	6.00		
11	MB12180NB	AGM	12180NB	Cu	D	T3	12	18	18	181	77	167	167	7.13	3.03	6.57	6.57	5.23		
12	MB12260IT	AGM	12260IT	Cu	D	T8	12	26	12	166	175	125	125	6.54	6.89	4.92	4.92	8.42		
13	MB12260NB	AGM	12260NB	Cu	D	T3	12	26	12	166	175	125	125	6.54	6.89	4.92	4.92	8.42		
14	MB12350IT	AGM	U1	Cu	C	T11	12	35.00	33	10	195	130	155	166	7.68	5.12	6.10	6.54	9.21	
15	MB12350NB	AGM	U1	Cu	C	T7	12	35.00	33	10	195	130	155	180	7.68	5.12	6.10	7.09	9.21	
16	MBD1240IT	AGM	1240IT	Cu	D	T9	12	40	8.5	197	165	170	170	7.76	6.50	6.69	6.69	13.05		
17	MBD1240NB	AGM	1240NB	Cu	D	T4	12	40	8.5	197	165	170	170	7.76	6.50	6.69	6.69	13.05		
18	MBD1265IT	AGM	1265IT	Cu	C	T9	12	65	6	350	167	179	186	13.78	6.57	7.05	7.32	20.31		
19	MBD1265NB	AGM	1265NB	Cu	C	NB	12	65	6	350	167	179	186	13.78	6.57	7.05	7.32	20.31		
20	MBD12100IT	AGM	30H 12100IT	Cu	C	T9	12	100	4.5	330	171	214	220	12.99	6.73	8.43	8.66	29.60		
21	MBD12100NB	AGM	30H 12100NB	Cu	C	NB	12	100	4.5	330	171	214	224	12.99	6.73	8.43	8.82	29.60		
22	MBD12120IT	AGM	12120IT	Cu	C	T11	12	120	4	409	176	225	225	16.10	6.93	8.86	8.86	36.60		
23	MBD12120NB	AGM	12120NB	Cu	C	T5	12	120	4	409	176	225	225	16.10	6.93	8.86	8.86	36.60		
24	MBD12150NB	AGM	12150IT	Cu	C	T11	12	150	3.5	485	172	240	240	19.09	6.77	9.45	9.45	44.30		
25	MBD12150IT	AGM	12150NB	Cu	C	T5	12	150	3.5	485	172	240	242	19.09	6.77	9.45	9.53	44.30		
26	MBD12200IT	AGM	4D 12200IT	Cu	E	T11	12	200	3	522	238	218	221	20.55	9.37	8.58	8.70	63.68		
27	MBD12200NB	AGM	4D 12200NB	Cu	E	T5	12	200	3	522	238	218	238	20.55	9.37	8.58	9.37	63.68		
28	MBD12250IT	AGM	8D 12250IT	Cu	E	T11	12	250	2.6	521	269	220	223	20.51	10.59	8.66	8.78	69.86		
29	MBD12250NB	AGM	8D 12250NB	Cu	E	T5	12	250	2.6	521	269	220	242	20.51	10.59	8.66	8.78	69.86		
30	MBD9012IT	AGM	24	Cu	C	T11	12	80	5.5	260	168	211	214	10.24	6.61	8.31	8.43	24.03		
31	MBD9012NB	AGM	24	Cu	C	T5	12	80	5.5	260	168	211	233	10.24	6.61	8.31	9.17	24.03		
32	MBD10512IT	AGM	27	Cu	C	T11	12	95	5.5	306	169	211	233	12.05	6.65	8.31	9.17	26.96		
33	MBD10512NB	AGM	27	Cu	C	T5	12	95	5.5	306	169	211	233	12.05	6.65	8.31	9.17	26.96		
34	MBD12012IT	AGM	31	Cu	C	T11	12	105	4.5	330	171	214	220	12.99	6.73	8.43	8.66	29.82		
35	MBD12012NB	AGM	31	Cu	C	T5	12	105	4.5	330	171	214	224	12.99	6.73	8.43	8.82	29.82		
36	MBG12100IT	GEL	30H 12100IT	Cu	C	T9	12	100	4.5	330	171	214	220	12.99	6.73	8.43	8.66	29.60		
37	MBG12100NB	GEL	30H 12100NB	Cu	C	T5	12	100	4.5	330	171	214	224	12.99	6.73	8.43	8.82	29.60		
38	MBG12120IT	GEL	12120IT	Cu	C	T11	12	120	4	409	176	225	225	16.10	6.93	8.86	8.86	36.60		
39	MBG12120NB	GEL	12120NB	Cu	C	T5	12	120	4	409	176	225	225	16.10	6.93	8.86	8.86	36.60		
40	MBG12150IT	GEL	12150IT	Cu	C	T11	12	150	3.5	485	172	240	240	19.09	6.77	9.45	9.45	44.30		
41	MBG12150NB	GEL	12150NB	Cu	C	T5	12	150	3.5	485	172	240	242	19.09	6.77	9.45	9.53	44.30		
42	MBG12200IT	GEL	4D 12200IT	Cu	E	T11	12	200	3	522	238	218	221	20.55	9.37	8.58	8.70	63.68		
43	MBG12200NB	GEL	4D 12200NB	Cu	E	T5	12	200	3	522	238	218	238	20.55	9.37	8.58	9.37	63.68		
44	MBG12250IT	GEL	8D 12250IT	Cu	E	T11	12	250	2.6	521	269	220	223	20.51	10.59	8.66	8.78	69.86		
45	MBG12250NB	GEL	8D 12250NB	Cu	E	T5	12	250	2.6	521	269	220	242	20.51	10.59	8.66	8.78	69.86		
46	MBGU135-IT	GEL	U1	Cu	C	T11	12	35.00	33	10	195	130	155	166	7.68	5.12	6.10	6.54	9.21	
47	MBGU1R35-NB	GEL	U1	Cu	C	T7	12	35.00	33	10	195	130	155	180	7.68	5.12	6.10	7.09	9.21	

Motobatt Deep Cycle Batteries offer the largest Amp Hour capacity per case size in the Industry today.

AGM Maintenance Free valve regulated (VLRA) construction make Motobatt the definitive choice for the discerning buyer.

**Application:** Extremely clean and able to be charged without the danger of spillages and heavy gassing, our batteries are perfect for inside charging and usage.

With Motobatts unique construction techniques we have been able to develop industry leading reserve power capable of multiple charge cycles.

Various attachment terminals for solar, automotive, industrial or marine.

Motobatt batteries come with a 2 Year full replacement warranty on mechanical failure.



**Features:**

- High Purity Lead calcium alloy grids
- 99.99% Virgin lead
- Thicker full frame plates
- Hand Made for exceptional Quality Control Process
- Proprietary Paste formulation for heavy duty performance
- Low resistance micro porous glass matt separators
- Faster charge acceptance C10 Rated
- Longer Cycle Life with Extreme durability
- Highest AGM performance exceeds specifications





## LAWN AND GARDEN & MOBILITY YB FLOODED BATTERY



MODEL	CAPACITY 20HR (AH)	SIZE(mm)	T.H(mm)
U1-7	18	195X130X165	179
U1-9	24	195X130X165	179

MODEL	CAPACITY 20HR (AH)	SIZE (mm)	T.H (mm)
U1-7	18	195x130x165	179
U1-9	24	195x130x165	179
U1-32	32	195x130x165	179
U1-35	35	195x130x165	179
U1R-35	35	195x130x165	179



MODEL	CAPACITY 20HR (AH)	SIZE (mm)	T.H (mm)
U1-35 (WITH SCREW TERMINAL)	35	195x130x165	179
U1R-35 (WITH SCREW TERMINAL)	35	195x130x165	179



## MOBILITY SCOOTER



MODEL	CAPACITY 20HR (AH)	DIMENSIONS (LxWxH)
MB 32-12	32	165x126x175mm
MB 35-12	35	195x130x165mm
MB 50-12	50	197x166x175mm

## MARINE BATTERY

MODEL	CAPACITY 20HR (AH)	BCI GROUP	DIMENSIONS (LxWxH)
MB26-80	80	24	260x174x225mm
MB27-90	90	27	304x173x225mm
MB31-100	100	31	330x173x240mm



Industry Most Amp Hour Capacity per case size

**Model MB90-12**  
(90AH/12 Volt) **BCI GROUP: 24**

**Deep Cycle VRLA Battery**



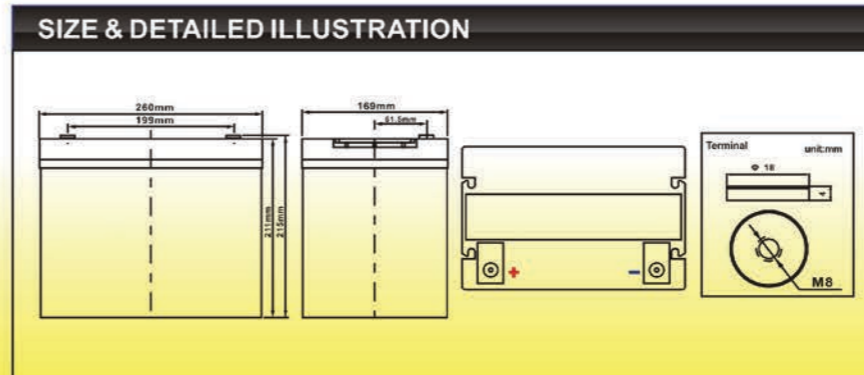
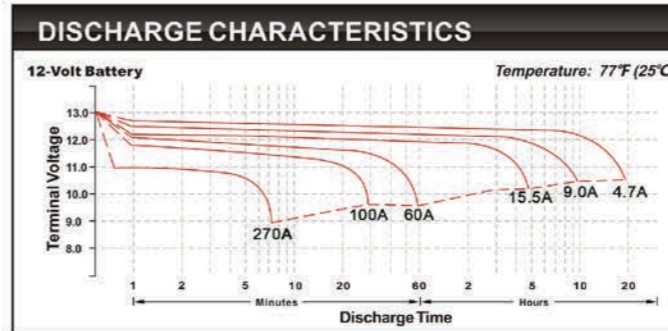
CUT OFF VOLTAGE V <sub>cell</sub>	CONSTANT CURRENT DISCHARGE (Amps)										
	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	100	72	60	36	25.5	13.0	10.8	9.0	7.6	4.7	4.5



RESERVE CAPACITY	
@25 AMPS	@75 AMPS
184 Minutes	43 Minutes

SPECIFICATIONS		
Nominal Voltage	12 Volt	
Rated Capacity (20 hour rate)	90 AH	
Dimensions	Total Height (including terminals)	215 mm (8.46")
	Height	211 mm (8.31")
	Length	260 mm (10.24")
	Width	169 mm (6.65")
Weight	26.2kg (57.74lbs)	

CHARACTERISTICS		
Capacity 77°F (25°C)	20 Hour Rate (4.7A to 10.5 Volts)	90 AH
	10 Hour Rate (9.0A to 10.5 Volts)	85 AH
	5 Hour Rate (15.5A to 10.2 Volts)	77 AH
Internal Resistance	Full charged Battery 77°F (25°C)	5.5 mΩ
Capacity Affected by Temperature (20 Hour Rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F (25°C)	1000A (5s)	
Terminal	Standard	M8 (w/ Tp08 Brass AP & M included)
Charging	Cycle	Initial Charging Current 0.2 x C20
	Constant Voltage	14.5V ~ 14.9V/77°F (25°C) 13.6V ~ 13.8V/77°F (25°C)



### Application:

Maintenance-free valve regulated lead acid (VRLA) construction make MF Series Batteries the definitive choice for mobility and home medical equipment (UPS), telecommunications, solar and renewable energy, electronics and security, marine and RV, and utility applications.



# Non Powersport - Camper and RV battery



Industry Most Amp Hour Capacity per case size

## Model MB115-12 *Deep Cycle VRLA Battery*

(115AH/12 Volt) **BCIGROUP: 27**



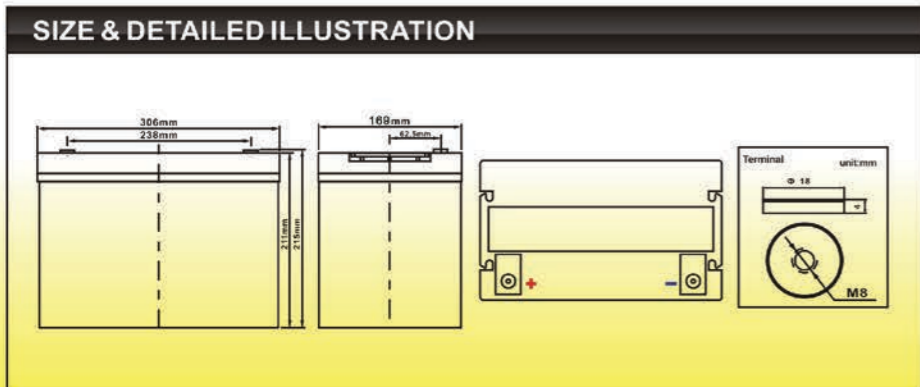
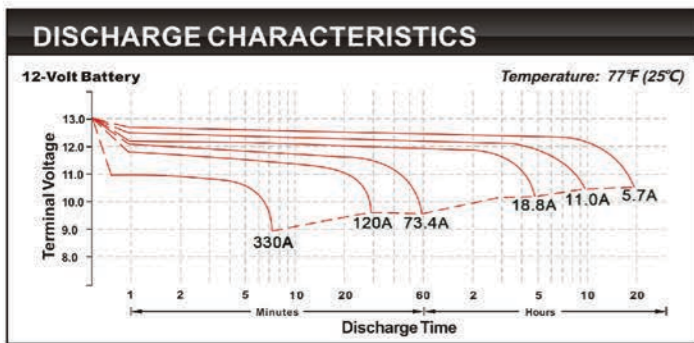
CONSTANT CURRENT DISCHARGE (Amps)											
CUT OFF VOLTAGE V/cell	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	120	88	73.4	44	31.2	15.9	13.2	11.0	9.3	5.7	5.5



RESERVE CAPACITY	
@25 AMPS	@75 AMPS
227 Minutes	58 Minutes

SPECIFICATIONS	
Nominal Voltage	12 Volt
Rated Capacity (20 hour rate)	115AH
Dimensions	Total Height (including terminals) 215 mm (8.46")
	Height 211 mm (8.31")
	Length 306 mm (12.05")
	Width 169 mm (6.65")
Weight	30.7kg(67.66lbs)

CHARACTERISTICS		
Capacity 77°F (25°C)	20 Hour Rate (5.7A to 10.5 Volts)	115 AH
	10 Hour Rate (11.0A to 10.5 Volts)	110 AH
	5 Hour Rate (18.8 A to 10.2 Volts)	94AH
Internal Resistance	Full charged Battery 77°F (25°C)	4.0mΩ
Capacity Affected by Temperature (20 Hour Rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F (25°C)	1000A (5s)	
Terminal	Standard	M8 (w/ Tp08 Brass AP & M included)
Charging Constant Voltage	Cycle	Initial Charging Current $\square$ 0.2 x C20 14.5V ~ 14.9V/77°F (25°C)
	Float	13.6V ~ 13.8V/77°F (25°C)



**Application:**  
Maintenance-free valve regulated lead acid (VRLA) construction make MF Series Batteries the definitive choice for mobility and home medical equipment (UPS), telecommunications, solar and renewable energy, electronics and security, marine and RV, and utility applications.

# Non Powersport - Camper and RV battery



Industry Most Amp Hour Capacity per case size

## Model MB130-12 *Deep Cycle VRLA Battery*

(130AH/12 Volt) **BCIGROUP: 32**



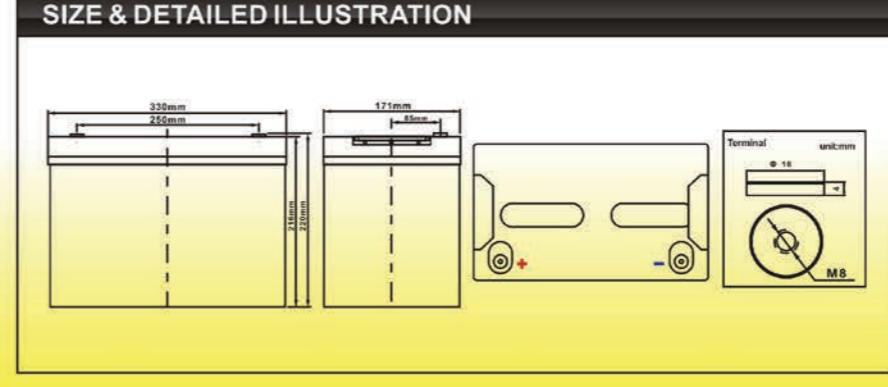
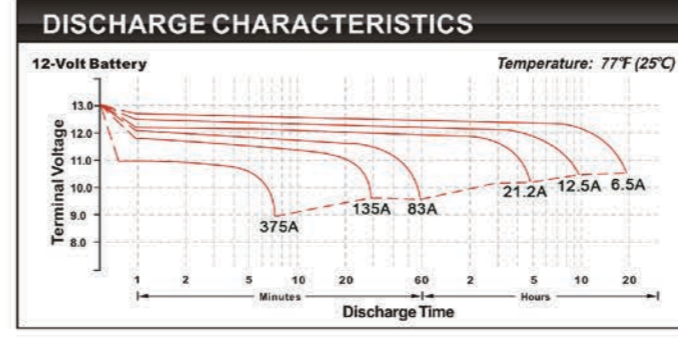
CONSTANT CURRENT DISCHARGE (Amps)											
CUT OFF VOLTAGE V/cell	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	135	100	83	50	35.4	18.0	15.0	12.5	10.6	6.5	6.25



RESERVE CAPACITY	
@25 AMPS	@75 AMPS
258 Minutes	68 Minutes

SPECIFICATIONS	
Nominal Voltage	12 Volt
Rated Capacity (20 hour rate)	130 AH
Dimensions	Total Height (including terminals) 220 mm (8.66")
	Height 216 mm (8.50")
	Length 330 mm (12.99")
	Width 171 mm (6.73")
Weight	34.5kg(76.04lbs)

CHARACTERISTICS		
Capacity 77°F (25°C)	20 Hour Rate (6.5A to 10.5 Volts)	130 AH
	10 Hour Rate (12.5A to 10.5 Volts)	125 AH
	5 Hour Rate (21.2A to 10.2 Volts)	100AH
Internal Resistance	Full charged Battery 77°F (25°C)	3.5mΩ
Capacity Affected by Temperature (20 Hour Rate)	104°F (40°C)	102%
	77°F (25°C)	100%
	32°F (0°C)	85%
	5°F (-15°C)	65%
Self-Discharge 77°F (25°C)	Capacity after 3 month storage	91%
	Capacity after 6 month storage	82%
	Capacity after 12 month storage	64%
Max. Discharge Current 77°F (25°C)	1000A (5s)	
Terminal	Standard	M8 (w/ Tp08 Brass AP & M included)
Charging Constant Voltage	Cycle	Initial Charging Current $\square$ 0.2 x C20 14.5V ~ 14.9V/77°F (25°C)
	Float	13.6V ~ 13.8V/77°F (25°C)



**Application:**  
Maintenance-free valve regulated lead acid (VRLA) construction make MF Series Batteries the definitive choice for mobility and home medical equipment (UPS), telecommunications, solar and renewable energy, electronics and security, marine and RV, and utility applications.



# AUXILIARY BATTERIES BY MOTOBATT



## Technical Advantage

Typically Motobatt High Plate AGM deep cycle design is superior in both Amp Hour capacity and CCA providing a perfect performance upgrade! Made for the high performance Powersports market Motobatt batteries are manufactured with the highest quality lead for long cycle life in demanding applications.

## Technical Advantage

- Premium AGM to withstand vibration and increase plate life.
- Individual valve regulated cells extends battery performance.
- Large Plate design increases capacity for Starting or Reserve power usage.
- Flame retardant and burst resistant case
- Unique Multi location Terminal design provides additional attachment for accessories.

12-VOLT AGM AUTOMOTIVE AUXILIARY					
Motobatt	AH	CCA	LENGTH	WIDTH	HEIGHT
MBTX12U	14	200	151mm	87mm	130mm
MBYZ16HD	16.5	240	151mm	87mm	145mm
MBTX24U	24	285	205mm	87mm	162mm



## Technical Advantage

- Premium AGM to withstand vibration and increase plate life.
- Individual valve regulated cells extends battery performance.
- Large Plate design increases capacity for Starting or Reserve power usage.
- Flame retardant and burst resistant case
- Unique Multi location Terminal design provides additional attachment for accessories.



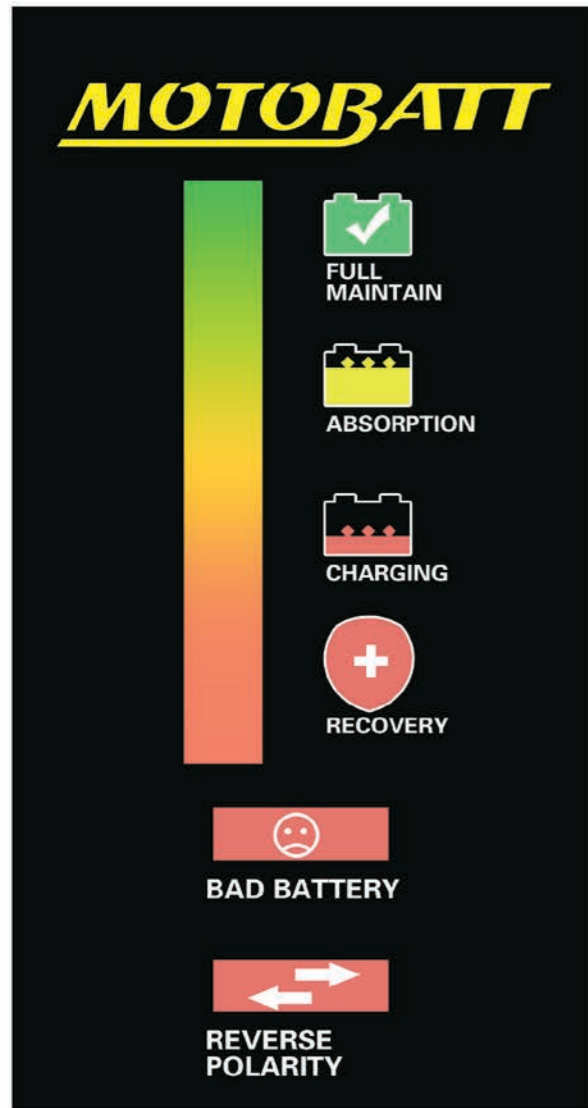
Auxiliary batteries can be used in both starting and reserve capacity applications. Motobatts unique Patented design allows for larger plates inside the battery case to provide the best balance of starting performance, while providing extended run time and increased cycle life. Thus they are a perfect choice. In addition we offer high performance upgrades for heavy usage like Police or Emergency service vehicles where parasitic drain can be a problem.

## SPECIFICATIONS

12-VOLT AGM AUTOMOTIVE AUXILIARY					
Motobatt	AH	CCA	LENGTH	WIDTH	HEIGHT
MBTX12U	14	200	151mm	87mm	130mm
MBYZ16HD	16.5	240	151mm	87mm	145mm
MBTX24U	24	285	205mm	87mm	162mm



MERCEDDES BENZ						
Standard	Upgrade*	Year	Model	Capacity	Notes	Notes
MBT X12U	MBY Z16HD	2010-2014	Mercedes-Benz C300	All Models	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2013-2014	Mercedes-Benz C300	All Models	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2006-2014	Mercedes-Benz C350	All Models	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2014	Mercedes-Benz C63 AMG	All Models	6.3L 6208CC V8 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2008-2014	Mercedes-Benz C63 AMG	All Models	6.2L 6208CC 379Cu. In. V8 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2006	Mercedes-Benz CLS500	All Models	5.0L 4966CC V8 GAS SOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2006	Mercedes-Benz CLS55 AMG	All Models	5.5L 5439CC 335Cu. In. V8 GAS SOHC Supercharged	
MBT X12U	MBY Z16HD	2014	Mercedes-Benz CLA250	All Models	2.0L 1991CC I4 FLEX DOHC Turbocharged	
MBT X12U	MBY Z16HD	2007-2011	Mercedes-Benz CLS63 AMG	All Models	6.3L 6208CC V8 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2003-2006	Mercedes-Benz E320	CDI Sedan 4-Door	3.2L 3222CC I6 DIESEL DOHC Turbocharged	
MBT X12U	MBY Z16HD	2003-2006	Mercedes-Benz E320	All Models	3.2L 3199CC V6 GAS SOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2003-2006	Mercedes-Benz E320	All Models	3.2L 3199CC V6 GAS SOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2014	Mercedes-Benz E350	All Models	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2014	Mercedes-Benz E350	All Models	3.5L 3498CC V6 FLEX DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2003-2006	Mercedes-Benz E500	All Models	5.0L 4966CC V8 GAS SOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2004-2006	Mercedes-Benz E55 AMG	All Models	5.4L 5439CC 332Cu. In. V8 GAS SOHC Supercharged	
MBT X12U	MBY Z16HD	2012-2014	Mercedes-Benz E550	All Models	4.6L 4663CC V8 GAS DOHC Turbocharged	
MBT X12U	MBY Z16HD	2010-2011	Mercedes-Benz E550	All Models	5.5L 5461CC V8 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2012-2014	Mercedes-Benz E63 AMG	All Models	5.5L 5461CC V8 GAS DOHC Turbocharged	
MBT X12U	MBY Z16HD	2010-2011	Mercedes-Benz E63 AMG	All Models	6.2L 6208CC 379Cu. In. V8 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2010-2016	Mercedes-Benz GLK350	All Models	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2010-2011	Mercedes-Benz S450	All Models		
MBT X12U	MBY Z16HD	2010-2013	Mercedes-Benz S600	All Models		
MBT X12U	MBY Z16HD	2010-2014	Mercedes-Benz SL550	All Models		
MBT X12U	MBY Z16HD	2013	Mercedes-Benz SL63 AMG	Base Convertible 2-Door	5.5L 5461CC 333Cu. In. V8 GAS DOHC Turbocharged	
MBT X12U	MBY Z16HD	2014	Mercedes-Benz SL65 AMG	Base Convertible 2-Door	6.0L 5980CC 365Cu. In. V12 GAS SOHC Turbocharged	
MBT X12U	MBY Z16HD	2013-2014	Mercedes-Benz SLK350	Base Convertible 2-Door	3.5L 3498CC V6 GAS DOHC Naturally Aspirated	
MBT X12U	MBY Z16HD	2012-2014	Mercedes-Benz SLK55 AMG	Base Convertible 2-Door	5.5L 5461CC V8 GAS DOHC Naturally Aspirated	
BMW						
MBT X24U		2014-16	BMW	130	All Models	
MBT X12U	MBY Z16HD	2010	BMW	550i	All Models	
MBT X12U	MBY Z16HD	2017	BMW	530i	Base Sedan 4-Door	2.0L 1998CC 122Cu. In. I4 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	530i xDrive	Base Sedan 4-Door	2.0L 1998CC 122Cu. In. I4 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	540i	Base Sedan 4-Door	3.0L 2998CC I6 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	540i xDrive	Base Sedan 4-Door	3.0L 2998CC I6 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	740i	Base Sedan 4-Door	3.0L 2998CC I6 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	740i	Excellence Sedan 4-Door	3.0L 2998CC I6 GAS DOHC Turbocharged
MBT X12U	MBY Z16HD	2017	BMW	740i xDrive	Base Sedan 4-Door	3.0L 2998CC I6 GAS DOHC Turbocharged
CHEVROLET						
MBT X12U		2015-2016	Chevrolet	Malibu	All Models	
MBT X12U		2015-2017	Chevrolet	Impala	All Models	



### Unique 9 MotoBatt Stage Charging and Maintenance Process

**1. Qualification Phase:**

Initially ensures that the battery is in good condition prior to launching charge processing. As a safety measure charge process will not begin if battery is below 2.0V.

**2. Battery Rescue Phase:**

MOTOBATT Battery Rescue starts if battery voltage has risen unusually high in the early portion of the re-charge cycle. This is usually caused by plate sulfation. Once the battery rescue phase has succeeded in getting the battery to accept power, normal battery charging will begin.

**3. Soft Start Phase:**

Soft Start is used when the charger has detected a battery at a very low initial state of charge. Voltage and current are delivered at specified rate to help the battery to recover prior to entering Pulse charge mode.

**4. Pulse Mode Phase:**

MOTOBATT Pulse mode provides a high frequency pulse charge to help the newly recovered battery to continue to accept charge as it enters the reconditioning phase.

**5. Recondition Phase:**

The MOTOBATT reconditioning phase continues to work the battery at a slightly higher voltage and amperage to "re-activate" the battery plates for improved depth of charge and charge acceptance.

**6. Bulk Charge Phase:**

With the battery now through Pulse and reconditioning phases and well on its way to full recovery the MOTOBATT bulk charge phase gives the battery constant current taking the battery up to 80% of its capacity.

**7. Absorption Phase:**

In the MOTOBATT absorption phase the battery is given constant voltage while the current is reduced based on action taken from monitoring the batteries current state until the battery is 100% charged.

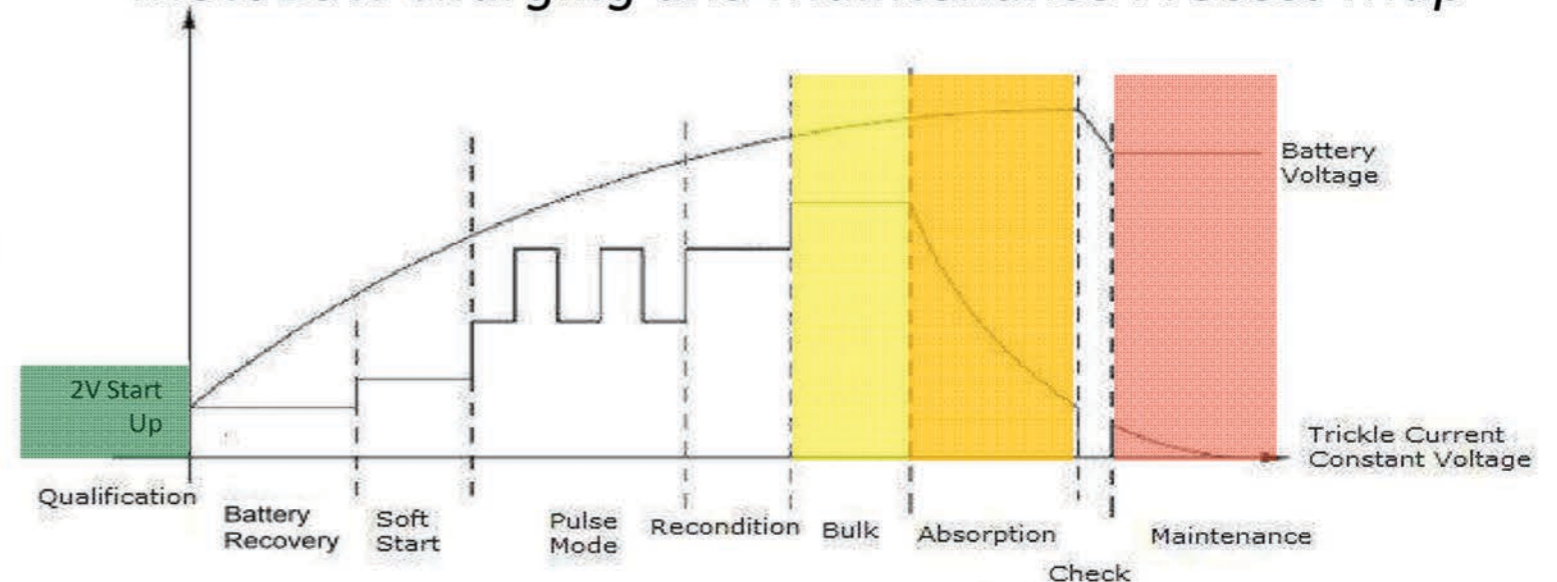
**8. Check Phase:**

Battery will now be checked to be sure that it is holding a charge properly and the charger will make a determination and classify the battery for use, or not.

**9. Maintenance Phase:**

Battery can be left safely on the charger indefinitely. The unit will monitor the battery and "turn-on" again as needed to maintain the battery at a full state of readiness.

### MotoBatt Charging and Maintenance Process Map



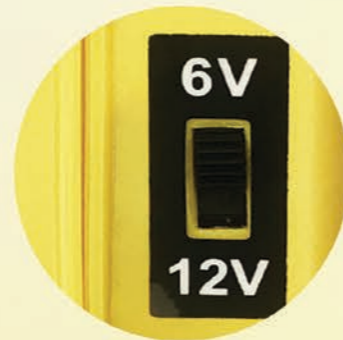
Keeping your batteries properly charged and maintained will dramatically Extend Battery Life!

<b>Remarks:</b>				
	UL	EU/C E	SAA	UK/C E



**BABY BOY**

**MBCBABY** 6V/12V selectable 500mA



6V/12V selectable

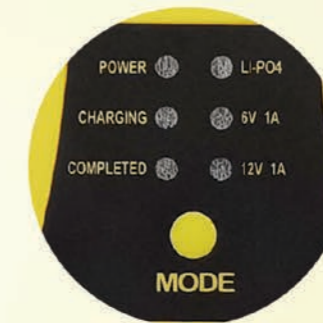


**SPECIAL FEATURES**

- 6V and 12V Switch Selectable
- 3 Steps Fully Automatic Charger
- Overcharge Protection,
- Reverse Polarity Protection,
- Overload / Short Circuit Protection,
- Spark Proof,
- Maintains full charge

Application: 6V / 12V Batteries, suits all AGM, Lead Acid, Calcium, and Gel batteries  
 Input: Auto-switching 100-240VAC-50 / 60 Hz  
 Output: Select 6V/12VDC 500mA  
 Max Charge Current: 500mA  
 Max Voltage: 7.5V (6V Battery)  
 15V (12V Battery)  
 Battery Capacity: Charging 2 to 20 Ah

**TECH1**  
**SMART CHARGER PDCT1**



6V & 12V BATTERY ➤  
 LEAD ACID BATTERY ➤  
 LITHIUM LIFEPO4 BATTERY ➤

**SPECIAL FEATURES**

- Output 1.0Ah
- Ring terminal & alligator clip hardness included
- Overload / short circuit protection
- Reverse polarity protection
- 6 steps smart charger
- Spark free

Application: 6V / 12V Batteries, suits all AGM, lead Acid, Calcium, Gel batteries and Lithium battery  
 Input: 100-240VAC 50/60 Hz 18W  
 Output: 14.4V 1.0A Li-FePO4 (4S)  
 12V 1.0A Lead Acid Battery  
 6V 1.0A Lead Acid Battery  
 Recommended Battery Size (Charging): Lead Acid Battery 6V: min. 6.0Ah Max. 40Ah  
 Lead Acid Battery 12V: min. 6.0Ah max. 40Ah  
 Li-FePO4 (4S): min. 1Ah max. 100Ah



**PDCWB** 12V 1.0A 9 steps



**SPECIAL FEATURES**

- ➔ Water Proof, perfect for outdoors
- ➔ 9 Steps Algorithm Automatic Charging & Maintaining
- ➔ Overcharge Protection
- ➔ Reverse Polarity Protection
- ➔ Short Circuit Protection
- ➔ Spark Proof
- ➔ Maintains full charge



Application: 12V Batteries, Suits all AGM, Lead Acid, Calcium and Gel batteries  
 Input: Auto-switching 120-240VAC-50 / 60 Hz ,  
 Input Cable: 6' / 18AWG, U.S. SPT-2, EU-H03VV, Aust/NZ-H03VV  
 Output: 12VDC 1.0A  
 Max Charge Current: 1.0A  
 Max Voltage: 14.8V  
 Battery Capacity: Charging - 2 to 33 Ah, Maintenance - up to 80 Ah



**FAT BOY**

**PDCFB**

12V 2.0A 9 steps Algorithm

**Extra features**



SPECIAL FOR LITHIUM-ION BATTERY



**CANBUS**



**SPECIAL FEATURES**

- ➔ 9 Steps Algorithm Automatic Charging & Maintaining
- ➔ Overcharge Protection
- ➔ Reverse Polarity Protection (for Lead-Acid Batteries only)
- ➔ Short Circuit Protection (for Lead-Acid Batteries only)
- ➔ Spark Proof (for Lead-Acid Batteries only)

Application: 12V Batteries, suitable for Lithium and Lead-Acid Batteries (AGM,Gel and Standard Flooded types)  
 Input: Auto-switching 120-240VAC-50 / 60 Hz  
 Input Cable: 6' / 18AWG, U.S. SPT-2, EU-H03VV, Aust/NZ-H03VV  
 Output: 12VDC 2A  
 Max Charge Current: 2A  
 Max Voltage: 14.9V (Lead-Acid (Pb) battery charging)  
 14.6V (LiFePo4 battery charging)  
 Battery Capacity: Charging 4-100Ah, Maintenance all-size Lead-Acid Batteries  
 Charging 2-20Ah LiFePo4 batteries



# MotoBatt Dual Bank Charger

PDC2X2A 2 Banks 12V 2.0A 9 Step Algorithm



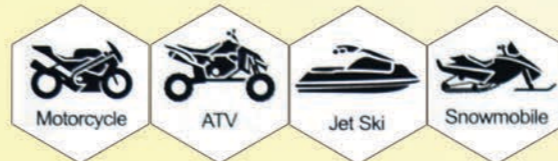
**CHARGES 2 BATTERIES AT THE SAME TIME**



## SPECIAL FEATURES

- 9 Steps Algorithm Automatic Charging & Maintaining
- Overcharge Protection
- Reverse Polarity Protection
- Short Circuit Protection
- Spark Proof
- Enable ongoing battery maintenance-extends battery life
- Prevents battery sulfation – the leading cause of battery failure
- Temperature compensated
- 72 hours safety timer

Application: All 12V Batteries, suits all AGM, Lead Acid, Calcium, and Gel batteries  
 Input: Auto-switching 100-240VAC 50 / 60 Hz  
 Output: 12VDC 2A per channel  
 Max Charge Current: 2A  
 Max Voltage: 14.9V  
 Battery Capacity: Charging - 4 to 100 Ah, Maintenance – all sizes



# MotoBatt Quad Bank Charger

Part number:PDC4X2A 4 Banks

12V 2.0A 9 Step Algorithm



**CHARGES 4 BATTERIES AT THE SAME TIME**

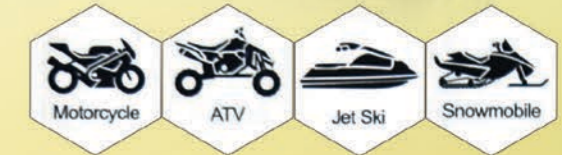
**WORKSHOP QUALITY  
EXTREMELY FAST CHARGING**



## SPECIAL FEATURES

- Charges 4 batteries at the same time
- 9 Steps Algorithm Automatic Charging & Maintaining
- Overcharge Protection
- Reverse Polarity Protection
- Short Circuit Protection
- Spark Proof
- Enable ongoing battery maintenance-extends battery life
- Prevents battery sulfation – the leading cause of battery failure
- Temperature compensated
- 72 hours safety timer

Application: All 12V Batteries, suits all AGM, Lead Acid, Calcium, and Gel batteries  
 Input: Auto-switching 100-240VAC 50 / 60 Hz  
 Output: 12VDC 2A per channel  
 Max Charge Current: 2A  
 Max Voltage: 14.9V  
 Battery Capacity: Charging - 4 to 100 Ah, Maintenance – all sizes





# MBRC1 SMART CHARGE

## About MBRC1 1000mA Smart Charger

The Motobatt MBRC1 1000mA Smart Charger represents one of the most simple and easy to use charger technologies in the market. Select your method of charge by simply toggling to the correct voltage and chemistry, select and the clear indicator lights give real time charging status. This is one of the safest and most effective chargers you will use, and can handle all your Powersport charging needs in one simple charger.



### MBRC1 1000MA SMART CHARGER IS DESIGNED TO CHARGE:

- 6 V and 12 lead-acid batteries, including wet (Flooded), Gel, MF (maintenance-free), EFB (Enhanced Flooded Battery), AGM (Absorbed Glass Mat) and Lithium batteries without CBC Board.
- It is suitable for charging batteries up to 32 ampere and supports all battery sizes.

### What's in the box?

1. MBRC1 1000mA Smart Charger Smart Battery Charger.
2. Battery Alligator clamp cable-36" 18AWG.
3. Maintenance Ring terminal lead with 10A fuse-36" 18AWG.
4. BONUS 5 Ft Extension Lead-18AWG.

### SPECIAL FEATURES

- 👉 4 Step Charging and Maintaining 6 and 12V Lead acid and Lithium 12V.
- 👉 Overcharge Protection.
- 👉 Reverse Polarity protection.
- 👉 Overload short circuit protection.
- 👉 Maintains full charge.
- 👉 Easy to see LED indicator Lights.



Mode	Function
Standby	StandbyIn Standby mode, the charger is not charging or providing any power to the battery. Energy Save is activated during this mode. Drawing microscopic power Standby from the electrical outlet. If voltage drops it Automatically cycles 2 times after the green LED lights up.
12V NORM	For charging 12-volt Lead acid, Gel and Calcium batteries. When selected. a white LED will illuminate.
12V AGM	For charging 12-volt AGM batteries. When selected, a white LED will illuminate.
12V Lithium	For charging 12-volt Lithium batteries. When selected. a white LED will illuminate.
6V NORM	For charging 6-volt Lead acid, Gel and Calcium batteries. When selected. a white LED will illuminate.

### Technical Specifications

Input Voltage AC:	220V~240V AC 50Hz	110V-120V AC 60Hz
Working Voltage AC:	220V~240V AC 50Hz	110V-120V AC 60Hz
Efficiency:	85%	
Power:	15W max	
Charging Voltage:	Various	
Charging Current:	1000mA (6V) 1000mA (12V)	
Low-voltage Detection:	2V (6V) 2V(12V)	
Back Current Drain:	≤5mA	
Ambient Temperature:	0°C to +40°C	
Charger Type:	4-Step, Smart Charger	
Type of Batteries:	6V & 12V	
Battery Chemistries:	Wet, Gel, MF, CA, EFB, AGM, Lithium	
Battery Capacity:	Up to 32ah, Maintains All Battery Sizes	
Housing Protection:	IP60	
Cooling:	Natural Convection	
Dimensions (L x Wx H):	118x70x81mm	118x70x62mm
N.W:	0.3kg	



# MBRC35 SMART CHARGE

About MBRC35 3500mA Smart Charger



PART #: MBRC35

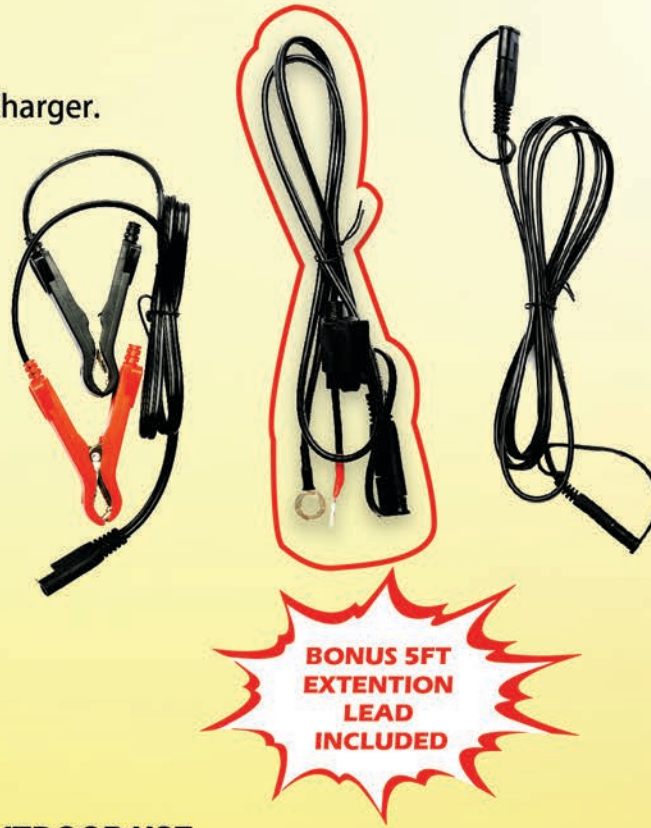
The Motobatt MBRC35 3500mA Smart Charger represents one of the most simple and easy to use charger technologies in the market. Select your method of charge by simply toggling to the correct voltage and chemistry, select and the clear indicator lights give real time charging status. This is one of the safest and most effective chargers you will use, and can handle all your Powersport c charging needs in one simple charger.

**MBRC35 3500MA SMART CHARGER IS DESIGNED TO CHARGE**

- 6 V and 12 lead-acid batteries, including wet (Flooded), Gel, MF (maintenance-free), EFB (Enhanced Flooded Battery), AGM (Absorbed Glass Mat) and Lithium batteries without CBC Board.
- It is suitable for charging batteries up to 32 ampere and supports all battery sizes.

## What's in the box?

1. MBRC35 3500mA Smart Charger Smart Battery Charger.
2. Battery Alligator clamp cable-36" 18AWG.
3. Maintenance Ring terminal lead with 10A fuse-36" 18AWG.
4. BONUS 5 Ft Extension Lead-18AWG.



**SPECIAL FEATURES**

- ➡ 8 Step Charging and Maintaining 6 and 12V Lead acid and Lithium 12V.
- ➡ Overcharge Protection.
- ➡ Reverse Polarity protection.
- ➡ Overload short circuit protection.
- ➡ Maintains full charge.
- ➡ Easy to see LED indicator Lights.
- ➡ Wall Mountable.
- ➡ **IP64 WATER RESISTANT PERFECT FOR OUTDOOR USE**



Mode	Explanation
Standby	In standby mode, the charger does not charge or power the battery. The energy saving function is activated in this mode to obtain standby power from the power outlet. Automatic cycle 2 times after the power LED will light up.
12V NORM NORM	For 12 Volt lead acid batteries, the white LED will light up when selected.
12V COLD/AGM	Used to charge 12 Volt AGM battery or 12 battery/winter mode. After selection, the white LED will light up.
12V NORM SMALL	For charging at small current 2A for a 12 Volt lead acid battery. After selection, the white LED will light up.
12V COLD/AGM SMALL	Used to charge 12 Volt AGM battery with a small current of 2A. Or charge the 12 Volt battery winter mode, the white LED will light up when selected.
6V NORM	For 6 Volt Lead acid batteries, the white LED will light up when selected.
12V Lithium	For a 12 Volt Lithium battery, the white LED will light up when selected.
REPAIR	For battery repair mode, when the battery cannot be charged normally.

## Technical Specifications

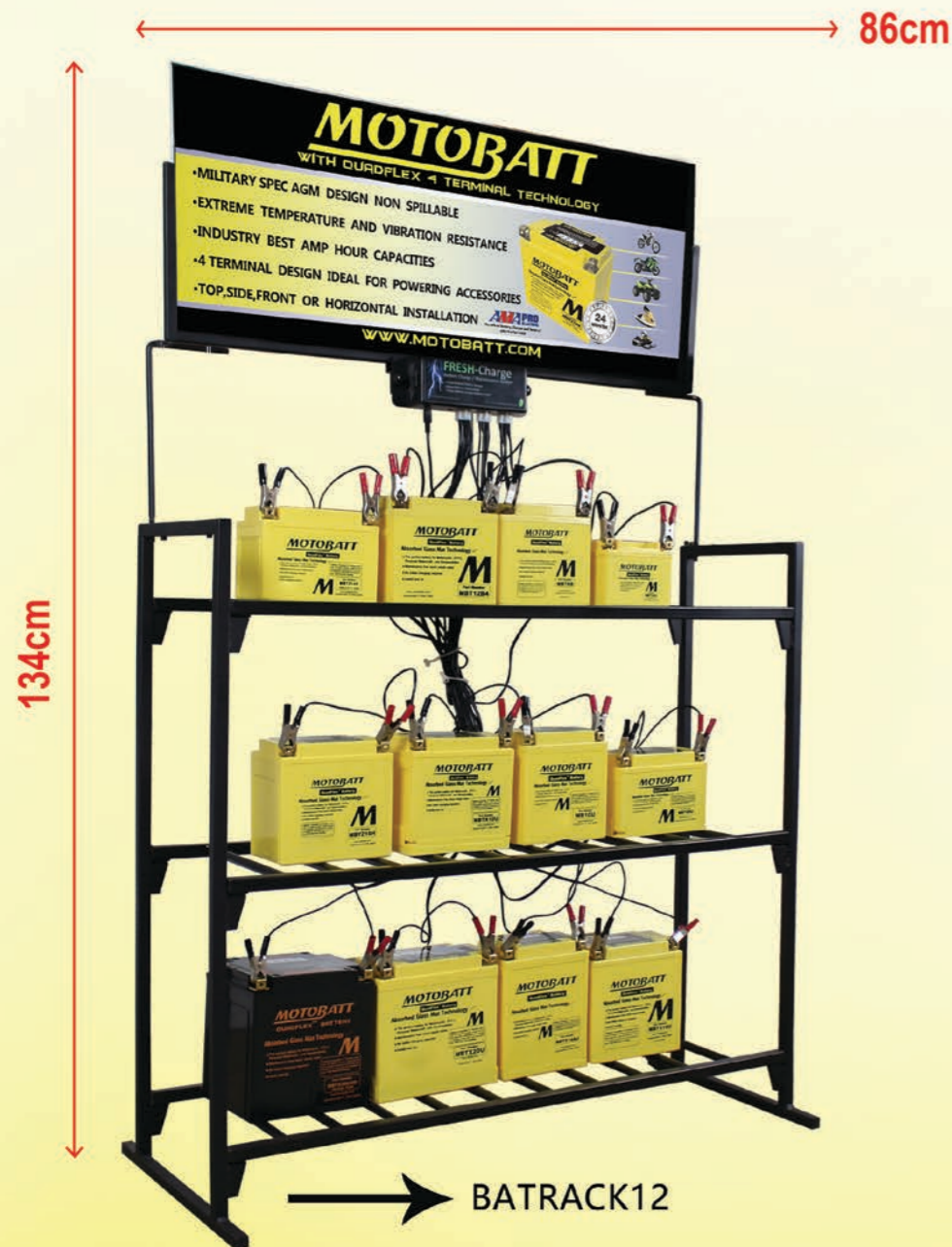
AC input voltage:	220V~240VAC	110V-120VAC 60Hz
AC working voltage :	220V~240VAC 50Hz	110V-120VAC 60Hz
Efficiency:	85%	
Power:	70W max	
Charging Voltage:	Various	
Charging Current:	3500mA(6V) 3500mA(12V)	
Low-voltage Detection:	2V(6V) 2V(12V)	
No-load current:	≤10mA	
Ambient Temperature:	0°C to +40°C	
Type of charger :	8 segment, smart charger	
Type of Batteries:	6V & 12V	
Battery type Chemistries:	Wet, Gel, MF, CA, EFB.AGM, Lithium	
Battery Capacity:	All battery sizes are supported , less than 60AH	
Shell protection:	IP64	
Cooling:	Natural cooling	
Dimensions (L x Wx H):	153*72*43mm	
N.W:	0.31kg	





# 12 STATION BATTERY MAINTENANCE CHARGER

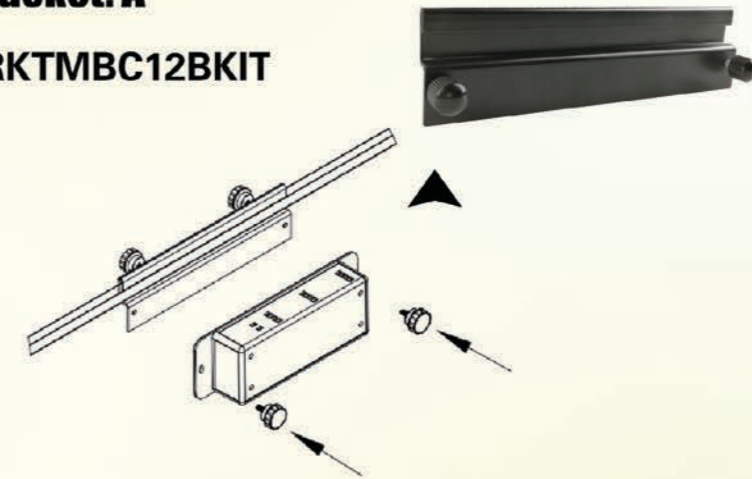
**MBC12B 1.0 A Rotating Charge**



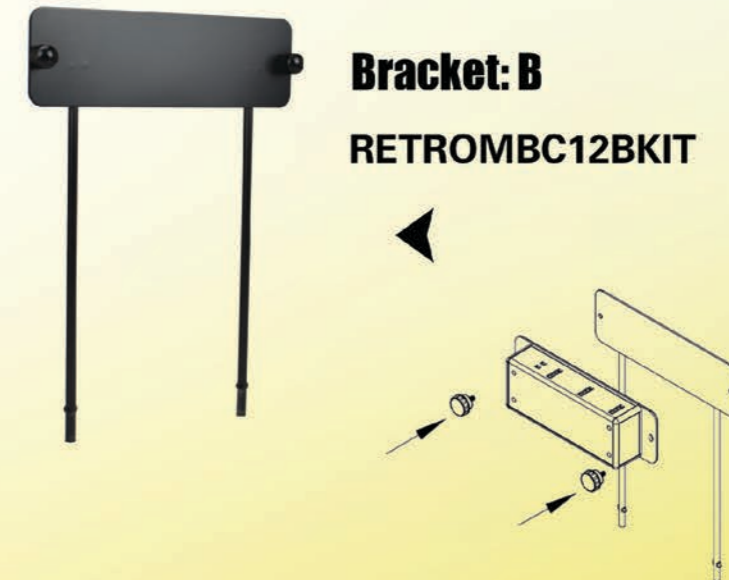
Order bracket A or B for mounting charger to Rear (A) or Side (B)  
 1 Amp 12 Port Rotary charger charges each battery for 1 second out of 12 for ongoing maintenance with low power use



**Bracket: A**  
**BRKTMBC12BKIT**



**Bracket: B**  
**RETROMBC12BKIT**



## 12 BATTERY RACK

- Black Heavy Duty Steel Supports and Shelves
- "Quick-Set" Rack sets up in less than 60 seconds without tools!
- Display Header Card Bracket Included for Customer's Brand Display Card

- Keeps any lead Acid Battery Type Fresh, Fully Charged and Ready for installation at all times
- Versatile - Mounts on Wall or on Battery Storage Rack using available brackets.
- Maintains 12 Batteries at a time
- Smart Charger - Will Maintain Batteries indefinitely.
- Will NOT Over-Charge.



# Battery and Charging System Voltage Tester

**MB-VM** For 12V Batteries & Charging System

**POCKET TESTER FAST AND EASY TO USE**



- Application: 12 Volt battery, remote testing via vehicle mounted charging lead or directly on battery terminals
- Test Range: Battery Voltage: 25% - 9.8 to 12.0V      50% - 12.0V to 12.4V  
75% - 12.4V - 12.6V      100% 12.6 - 13.8V  
Charging Voltage: Good - 13.8V to 14.7V,      Bad - 14.7V - up
- Features: Perfect tool for every counterperson's pocket or consumers saddle bags or glove box. Use with probes in fixed location to test battery through permanently mounted battery maintenance / charging terminal lead end. Or remove black (negative) cable from fixed location for on battery terminal testing

## MB-AVM



**Accurate Digital Voltmeter**

**Part No: MB-AVM**

**Voltage: 6V/12V**

**Range: 4.99-19.99Volts**



- Blister packing
- 100 pieces per carton
- Carton size: 46X39X63CM



# Battery Load Tester

Digital Battery Load Tester / Charging System Analyzer

**MB-T**

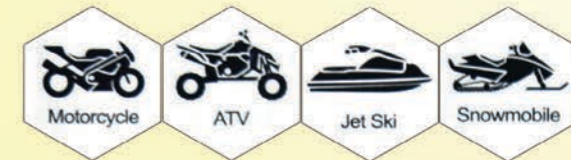


### ▲ Load Test Result

400 CCA	10.0v or higher	OK
350 CCA	9.9v or higher	OK
300 CCA	9.8v or higher	OK
250 CCA	9.7v or higher	OK
200 CCA	9.6v or higher	OK
150 CCA	9.5v or higher	OK
100 CCA	9.4v or higher	OK
50 CCA	9.0v or higher	OK

### SPECIFICATIONS:

- Application: 12V Battery, 12V Charging System
- Operating Range: Up to 400 CCA
- True Loading Capacity: 125Amp
- Voltmeter: 0 to 15.0V
- Test Type: Timed, auto shut off 125 Amp resistance load
- Display: 3 character LED Display plus 3 LED indicators
- Lead Set: 25" / 64 cm - Special motorcycle battery terminal sized clamps
- Dimensions: L-9.4 (239mm), W- 3.4" (86mm), H-3.4" (86mm)



### FEATURES:

- Durable metal housing, easy to use, true 125A load test,
- Microprocessor controlled, automatically turns load off after 10 seconds and through special "test and hold" feature, holds under load voltage reading for comparison to test matrix on tester face,
- Touch button again for charging system voltage indication and comparison to matrix on tester face,
- Reverse polarity indication, built in wall hanger



# MB-MINI PRO TESTER

Preset: Motobatt QuadFlex & GEL models

## Suitable for

1. Lead Acid and Lithium battery.
2. From capacity 2Ah to 50Ah.
3. From 20 CCA to 1000 CCA.



### THE BENEFITS OF THIS TEST METHOD ARE

- Conductance correlates directly to the battery capacity
- Passive testing method is safe.
- Never discharges or drain the battery.
- Able to test condition of discharged battery.
- Consistent and repeatable results.
- Provides unique indication of battery conditions.

### KEY FEATURES

1. Simple and easy to use
2. Test batteries on and off the vehicle
3. Accurate results in milliseconds
4. Battery Life Analysis
5. Analysis Result : Good or Replace
6. Large easy to read LCD display.
7. Test results based on JIS, EN, DIN, SAE and IEC Standards.
8. 5 different languages: English, German, French, Spanish, Italian, Mandarin.
9. Vehicle cranking system test--- cranking time, voltage and status.
10. Vehicle charging system test—load voltage, unloaded voltage, ripple status and charging system status.



# Tester with printer

6V/12V batteries 12V/24V Charging System

## MB-Proplus



6V & 12V AUTOMOTIVE BATTERIES



4 BATTERY TYPE AVAILABLE TO TEST:  
A.REGULAR LIQUID  
B.AGM FLAT PLATE  
C.AGM SPIRAL  
D.VRLA/GEL



SELECT MOTOBATT BATTERY MODEL



5 TEST RESULTS:  
A.GOOD & PASS  
B.GOOD & RECHARGE  
C.RECHARGE & RETEST  
D.BAD & REPLACE  
E.BAD CELL & REPLACE



PRINT RESULT

### ELECTRONIC BATTERY AND SYSTEM TESTER:

- Application: 6 and 12V Battery, 12 & 24 V Charging and Starting System
- Operating Range: 40-2000 CCA
- Battery Test / Rating Selection: Custom test by MotoBatt part number, Regular Liquid, VRLA / Gel, AGM Spiral, AGM Flat Plate, - CCA(SAE), IEC, DIN, JIS, EN
- Languages: English, French, Spanish, German, Italian, Portuguese
- Voltmeter: 1.5 to 30V
- Load Type: Micro Load Dynamic Resistance
- Display: 4 line - 16 character LCD, Back-Lit with adjustable brightness
- Lead Set: Long 70" / 178cm, heavy duty clips
- Features: Custom Test by MotoBatt part number capability for increased accuracy, easy to use, numeric and graphical state of health (SOH) and state of charge (SOC) test results, built in printer with standard 2-1/4" readily available thermal printer paper roll, accurately tests discharged batteries, durable impact resistant housing with protective molded in rubber grip, field replacable lead, date and time function, and Warranty Code, test counter and bar code (Code 39) printout to support in-store warranty test control processes. MS Excel based Warranty Code de-coder available on [www.motobatt.com](http://www.motobatt.com) website
- Accessories: 1 standard thermal printer paper roll, Heavy Duty protective plastic carry case, 6 AA batteries
- Dimensions: L-9.9" (251mm), W- 5" (127mm), H- 2.5" (64mm)



# Capacity Tester for 10Ah to 200Ah battery

## MB-BCT



LCD Screen



Aluminum Case



Slim Size

BCT tests the 12V and 24V batteries for Amp hour Capacity in the following technologies: AGM, Flooded Lead Acid, Deep Cycle, EFB, GEL, OPSV, Motobatt Hybrid, Lithium LifePo4. Search by Motobatt Part Number, or choose Technology and select nominated capacity to be tested. Tests 10Ah-200Ah and finally a test that can check on Lithium batteries after reactivation



### USAGE

Select the up or down arrow to toggle to the required function and press Enter to confirm

Connect to battery and set the clock Date/Hour/Min/Sec

Example: Testing and battery to 130Ah C20 Nominal capacity

- Set tester to 130Ah
- Testing automatically discharges as C20 (6.5A of C20 capacity)
- Typical example might be 124.71Ah / 6.5 = 19 Hours 11 Minutes
- So the result is C20
- Acceptable standard tolerance is 5% of nominal capacity so 124.71 Ah is within 5% of 130 Ah=PASS

### FEATURES

- 99% Accuracy with MOSFET circuit control
- Automatically calculates the capacity of the battery on test-Excellent for verification of quality
- LCD Screen
- Manual adjustment of Voltage and Amps (12V Battery 1A to 10A, 24V Battery 1A to 5A)
- Memory Function recalls last test result
- Port for optional print report

### SAFETY FEATURES

- Constant Current control
- Voltage limit control
- Over Voltage protection
- Incorrect Polarity Protection
- Beep Sounder Alert
- Error Alert

### TECHNICAL

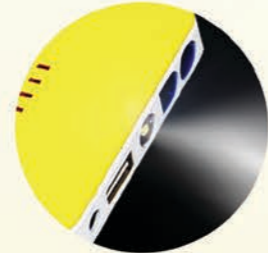
- Dimensions: W 123mm x H 218mm x W 56mm
- Weight: 1.15 Kg
- Alligator Clamp Length (To be shown)
- Max Input 8Vdc-26Vdc/130W
- Operation Temperature: -20C to 40C
- Storage Temperature: -20C to 65C
- 99% Accuracy with MOSFET circuit control





# MINI LITHIUM JUMP STARTER

MBJ-7500



Lighting



Digital products charging

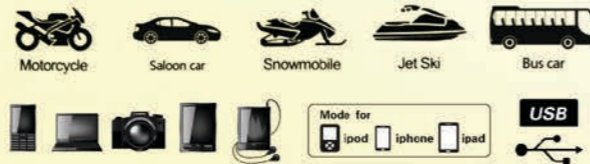


Automobile rescue device



## SPECIFICATIONS:

APPLICATION:	12V AUTOMOTIVE STARTING BATTERIES
BATTERY CAPACITY:	400A
CRANKING AMPERE:	200A
USB 2.0 OUTLET:	5V / 2.0A MAXIMUM
SIZE ( MM ):	135 X 76 X 16
WEIGHT ( KG ):	225G



### FEATURES:

- New Lithium Battery Technology - 5x more cycle life and 4 to 5x more cranks than lead acid battery technology
- Powerful output suitable for Motorcycle or Car engine cranking
- 600 Peak and 405 cranking Amps
- Light and compact for easy storage and use only 1.7Lbs(.79Kg)
- Always ready for an Emergency-Low Battery Beeper to warn user of low power while in storage
- Includes Handy Zipper Storage Case
- USB (Ver.2.0) 2A / 5V Power Plug
- Provides recharge most smart phones and tablets
- Dual LED Work Lights
- Replaceable Booster Cable Clip Lead Set
- Safe to Use - Spark Proof Connection, Reverse Polarity Protection
- SAFE - fully protected from Over Charge, Over Discharge and Over heating
- Eco Friendly - NO Lead, Mercury or Cadmium
- Includes handy DC In-Vehicle Charger and AC Power Wall Charger for convenient recharging as needed



# SUPER CAPACITOR JUMP STARTER



12V SC-1000F



12V SC-720F



12V SC-350F



12V SC-500F



IT CAN BE ENERGIZED BY CAR BATTERY

12V/24V outlets

12V outlets or USB.

12V outlets or 5V USB.

### ◆ Maintenance free

Innovative technology with super capacitor, no battery storage issues and over discharged issues.

### ◆ Fast & easy charging

It can be stored a huge amount of energy within 3 minutes and provided full cranking power.

### ◆ Compact and lightweight for easy handling and storage,

yet still delivers the same result as heavy, bulky, lead acid battery equivalents.

### ◆ Ultra long life span

Life cycle > 500,000, warranty for 2 years.

### ◆ Power output is virtually unaffected by temperatures.

### ◆ Full protection

Over load protection & over temperature protection Reverse polarity protection & short circuit protection Spark proof & automatic power disconnecting.



# Accessories



## MB-CC

+ve and -ve Charging cables with mini clip at both end



6 947312 408480



## MB-CCRT6

21" length 6mm Diameter Ring with 7.5A fuse



6 947312 408657



## MB-TCL

Is a replacement test clip lead for the "Test-N-Charge" enabled Motobatt testers part #MBMini and #MBPro



6 947312 408633



## MB-CCRT6-JAR

25pcs MB-CCRT6 in Candy Jar



6 947312 408732



## MB-CCAC

21" length Alligator Clip cable



6 947312 408640



## MB-CCRT8

21" length 8mm Diameter Ring with 7.5A fuse



6 947312 408664



# Accessories




**MB-MAP**  
21" length with "Flex FIT" Car Lighter Plug adaptor



6 947312 408671




**MB-CL25**  
25' 18AWG Cable Lead Extension Cable



6 947312 408701




**MB-CL5**  
5' 18AWG Cable Lead Extension Cable



6 947312 408701




**MB-CCFP**  
1'6" 18AWG Cable Lead with Female Accessory Cigarette Lighter Socket



6 947312 408695




**MB-CL10**  
10' 18AWG Cable Lead Extension Cable



6 947312 408688




**MB-RTC**  
2 Pin Plug Replacement Weather Cap



6 947312 408725



# Accessories

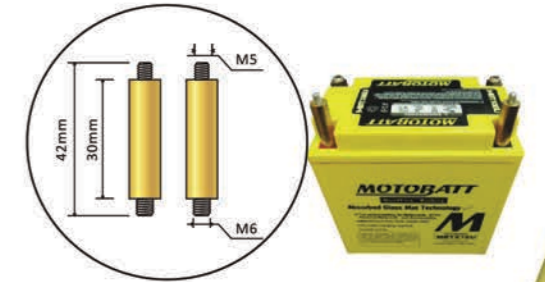


## MBLVBA

Low Voltage Battery Alert for 12V battery. It starts to alert when battery voltage is below 12.2V

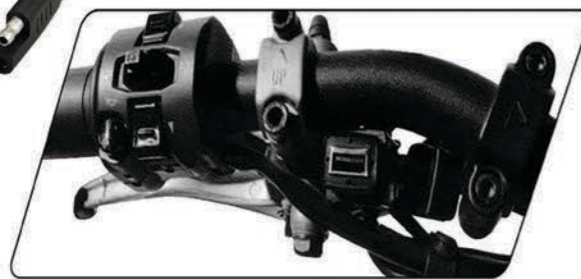
## MB-MPA-ADAPTOR

1 pair screw brass adaptor. 1 side M5 and the other M6 (Ideal for easy screw to charge Motobatt battery)



## MB-USB

USB In-Line charger



## MB-APKIT

Motobatt Battery Service Parts

**Motobatt Small Parts Kit Contains**  
 -Extra/ replacement brass terminals and stainless steel fasteners for the full line  
 -Proper size Allen Wrenches to tighten fasteners  
 -Parts kit designed with handy lift out bins for easy dispensing  
 -All parts are available separately for refilling as needed

Terminal Part# MPT1 QTY:10PCS	Terminal Part# MPT2 QTY:10PCS	Terminal Part# MPT3/20 QTY:10PCS	Terminal Part# MPT3/30 QTY:10PCS	Allen Key Part# MPAK1 QTY:10PCS	Allen Key Part# MPAK2 QTY:10PCS	Terminal Cap Part# MPC1/MPC2 QTY:5/5sets
Block Nut/ Washer Part# MPN1/MPN2/MPW QTY:10/10/20PCS	Screw Part# MPS1 QTY:10PCS	Screw Part# MPS2 QTY:10PCS	Adaptor Part# MPA QTY:4PCS	Accessories Part# MB-CL5 QTY:2PCS		
Tester Part# MP-VM QTY:2PCS	Accessories Part# MB-CCAC QTY:2PCS		Accessories Part# MB-CC QTY:2sets			
Accessories Part# MB-CCRT QTY:2PCS			Product Part# MB-APCK QTY:2PCS			







MOTOBATT QUADFLEX BATTERY PARTS

- MOTOBATT C Terminal  
**MPT1**-(M5\*15.5\*14\*13\*2.5)mm
- MOTOBATT C Terminal  
**MPT2**-(M6\*15.5\*15.5\*13\*2.5)mm
- MOTOBATT C Terminal  
**MPT3/20**-(M6\*19\*19\*2.5)mm
- MOTOBATT C Terminal  
**MPT3/30**-(M6\*23\*19\*2.5)mm
- MOTOBATT Allen Key  
**MPAK1**-(3\*3)cm
- MOTOBATT Allen Key  
**MPAK2**-(4\*4)cm
- MOTOBATT Bottom Spacer  
**MPBS5**-(14mm bottom spacer for the model MB12U)
- MOTOBATT Bottom Spacer  
**MPBS6**-(8mm bottom spacer for the model MBTX14AU)
- MOTOBATT Bottom Spacer  
**MPBS7**-(20mm bottom Spacer for the model MBTX20U)
- MOTOBATT Bottom Spacer  
**MPBS8**-(14 mm bottom Spacer for the model MBTX24U)

- MOTOBATT Screw  
**MPS1-2**-(4 pieces M5 screw)
- MOTOBATT Screw  
**MPS2-2**-(4pieces M6 screw)
- MOTOBATT Screw  
**MPS3**-(2 Pieces M5 screw)
- MOTOBATT Screw  
**MPS4**-(2 Pieces M6 screw)
- MOTOBATT Block Nut  
**MPN1**-(2 Pieces M5 Nut)
- MOTOBATT Block Nut  
**MPN2**-(2 Pieces M6 Nut)
- MOTOBATT Block Nut  
**MPN3**-(2 Pieces M6 Nut)
- MOTOBATT Block Nut  
**MP3W**-(2 Pieces Washer)
- Part #: MPT6-K  
\*Brass Threaded SAE terminal with M8 Bolt for accessory attachment. Use for Marine and Automotive. Suitable for all Motobatt Internal threaded Deep Cycle SLA batteries.
- MOTOBATT Bottom Spacer  
**MPBS9**-(17mm bottom spacer for the model MBTX30U)
- MOTOBATT Cable  
**MP6NC3**-(Positive/Red)
- MOTOBATT Cable  
**MP6NC4**-(Negative/Black)
- MOTOBATT Cable  
**MP6NC7**-(Positive/Red)
- MOTOBATT Cable  
**MP6NC8**-(Negative/Black)
- MOTOBATT Cable  
**MP6NC9**-(Positive/Red)



MOTOBATT QUADFLEX BATTERY PARTS

- MOTOBATT Terminal Cap  
**MPC1**-(1 piece  $\phi 11*5.5$  terminal cap for each color)
- MOTOBATT Terminal Cap  
**MPC2**-(1 piece  $\phi 12*5.5$  terminal cap for each color)
- MOTOBATT Terminal Cap  
**MPC3**-(1 Pieces Large square terminal insulation adhesive cap red, black)
- MOTOBATT Side Spacer  
**MPS5**-(For the model MBTX20U)
- MOTOBATT Cable  
**MP6NC10**-(Negative/Black)
- MOTOBATT Cable  
**MP6NC11**-(Positive/Red)
- MOTOBATT Cable  
**MP6NC5**-(Positive/Red)
- MOTOBATT Cable  
**MP6NC12**-(Positive/Red)
- MOTOBATT Cable  
**MP6NC16**-(Positive/Red)
- MOTOBATT Bottom Spacer  
**MPBS1**-(5mm bottom spacer for the model MBTX9U)
- MOTOBATT Bottom Spacer  
**MPBS2**-(Total 22mm bottom spacer for the model MB9U)
- MOTOBATT Bottom Spacer  
**MPBS3**-(9mm bottom spacer for the model MB10U)
- MOTOBATT Bottom Spacer  
**MPBS4**-(15MM bottom spacer for the model MBTX12U)
- MOTOBATT Terminal and Screw Kits  
**MPT1-K**(M5 screws)  
**MPT2-K**(M6 screws)  
**MPT3-20K**  
**MPT3-30K**
- MOTOBATT Screw  
**MPS 1-2 K**  
M5 Screws  
M6 Screws
- MOTOBATT Screw  
**MPTK-4**  
2 pieces 5mm thickness M5 nuts and 2 pieces M5 Screws
- MOTOBATT Screw  
**MPTK-5**  
2 pieces 7mm thickness M5 nuts and 2 pieces M5 Screws



**Part # :MB-APSTICKER**

1 Set has 2pcs each Size  
 S: 20 x155 mm  
 M:50 x 320 mm  
 L:68 x 440 mm



**Part # :MBUS-P007**

Dealer shop use  
 Size:120 x60 CM

**Part # :MB-APRAINCOAT**

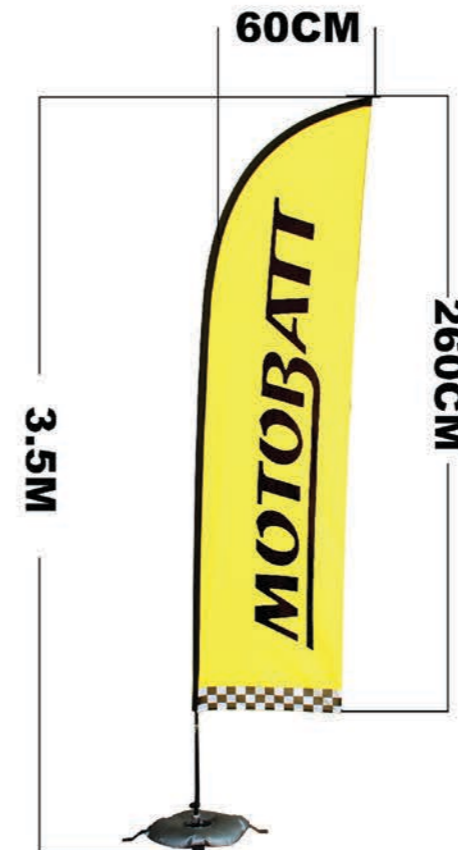


**Part # :MBUS-008**

X Frame Poster  
 with Stand Bracket  
 1600x600MM  
 Material:PVC canvas



**Part #:MB-APCK**



**Part # :MB-APBF**

PIT LANE FLAG

Comes with weighted lower stand platform. Easy to assemble. Perfect compliment to Motobatt Yellow Stand

**Flag Material: Canvas**

**Come With Bag Fold**

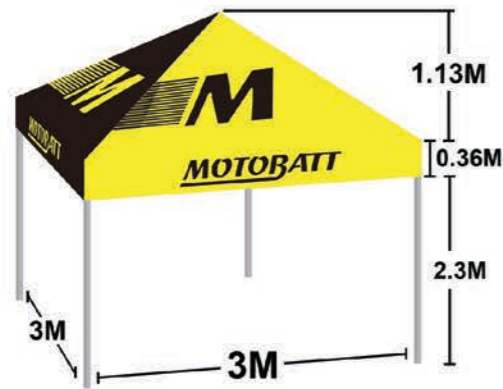


**Unfold**





**Part # :MB-APA** Aluminum  
ALUMINUM BOARD  
SIZE:60cm x 17cm x 1mm



**Part # :MB-APTENT**  
MOTOBATT TENT  
SIZE:3X3M

**Material:**  
Fire retardant & UV resistant Polyester

**Leg Stand:**  
30 X 30 MM Stainless Steel with 0.6MM thickness



**FOLDABLE MULTI-TOOL**  
Part #:MB-APT00L



**Part # :MB-RACK**

MotoBatt Tall Yellow Display Rack  
with MotoBatt Header Card  
SIZE:L/44.2CM W/24CM H/201CM

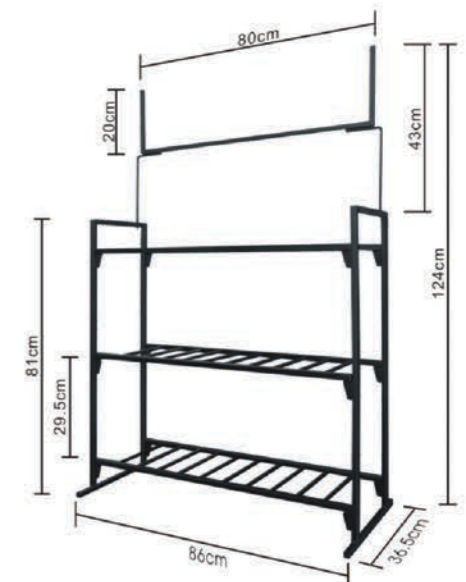
- This stand is perfect for front of store retail displays. With a very small footprint but large in store presence. bring customer satisfaction to your dealership by having the battery your customer needs ready to go!
- Comes in flat pack carton, assembles with no tools required



**Part # :MB-RACKHEADER**

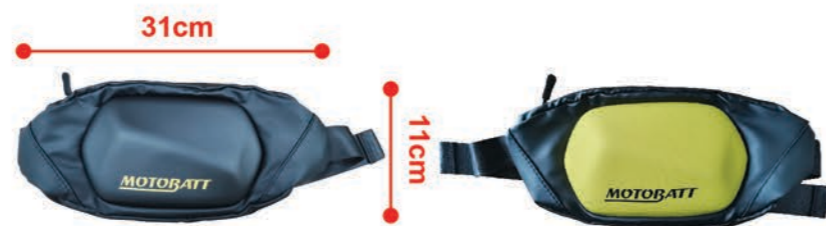
**Part # :MB-BATRACK**

- \* New Improved solid shelf design
- \* Lightweight, Strong and sets up with no tools required.
- \* Flat pack for easy shipping.
- \* Suits all types of batteries and can use with Motobatt charger MBC12B to maintain stocked batteries.





Part # :MB-SHOULDERBAG



Part # :MB-WAISTBAG



Part # :MB-APUMBRELA  
UMBERLLA

-  **Size:** 52 Inches
-  **Material:** Pongee
-  **Water Resistance**
-  **Comfortable Design**
-  **Wind Resistance**

Part # :MB-APTRANSPARENT

\*Excellent sales tool to show Motobatt Plate difference.



▼ MotoBatt Battery Charger – Commonly asked questions and answers

**Q1: Are “Smart” MAINTAINERS or simple “Trickle” CHARGERS required for PowerSports battery applications?**

A1: Yes, because of the way PowerSports vehicles are generally used, they require the twofold benefits of a “smart” microprocessor controlled CHARGER and MAINTAINER to charge and maintain the battery at all times during non-use is best; and for possible periods of long inactivity, and/or for offsetting any parasitic loads (vehicle computers, clocks, alarms, etc). This will extend the life of your battery and keep your battery maintained at a full charge safely, and always ready for use.

**Q2: What should be used to charge or maintain modern AGM batteries?**

A2: Smart chargers are required for use on all AGM or GEL batteries. Sealed Valve Regulated batteries (AGM and Gel) may be damaged or dried out and ruined if they are overcharged. The damage that can be caused by improper charging becomes permanent and gets worse over time. All major PowerSports vehicle manufacturers now use AGM batteries from the factory. The correct way to charge or maintain these AGM batteries is with a smart charger, and with its exclusive 9 step algorithm technology MOTOBATT is the best option.

**Q3: What can happen if a manual or “non-smart” charger is used on a AGM or GEL battery?**

A3: Bottom line is manual chargers are NOT suitable for AGM or GEL batteries. Unless monitored constantly they may cause overcharging from too high constant voltage, which is the cause of swelling of the battery case in AGM and GEL batteries during charging (a faulty charging system may also cause overcharging and subsequent swelling of the battery case). Note this is NOT a valid warranty claim on any GEL or AGM battery. The message is simple, use a suitable Motobatt smart charger with all lead acid batteries, especially AGM and GEL batteries.

**Q4: Which MOTOBATT MAINTAINER for which size battery?**

A4: Matching a MOTOBATT CHARGER AND MAINTAINER with battery capacity is not required, as voltage and amperage are constantly monitored, and reduced or increased by the unique Motobatt 9 stage charging and maintenance process. However you may wish to choose a MOTOBATT CHARGER AND MAINTAINER to suit your budget or your performance requirements.

MOTOBATT models: Little Boy, Water Boy, Fat Boy, Dual bank and Four bank are a microprocessor controlled “Charger and Maintainer” in one unit, and enable a regular consumer without battery knowledge to properly charge and maintain any lead acid battery safely.

MOTOBATT models: Baby Boy Charger will charge 6 or 12V Power Sports batteries to full charge then move into automatic maintenance mode and monitor the battery for potential need for additional charge. The Baby Boy Charger is not designed to charge a large dead flat or sulphated battery.

**Lithium Battery Charging**

Lithium Cranking batteries are a new technology battery controlled by a microprocessor. They are not like a lead acid battery at all and they require a controlled charge rate with no DE sulphation phase or boost charge function so as not to damage the control board. Motobatt has released the PDCFB Fat Boy Lithium charger, which will charge any lead acid battery and in addition Lithium batteries. For slow charging and maintenance you can also use the MBCBABY Motobatt Baby Boy charger since it has no DE sulphating mode.

**Q5: Can Motobatt Maintainers be used on automotive and marine batteries?**

A5: Yes, Motobatt Charger/Maintainers (models Little Boy, Water Boy, Fat Boy, Dual Bank and Four Bank) are suitable for use on all domestic lead acid batteries, including automotive and marine. Fat Boy model and up are of higher specification and will provide subsequent greater performance on larger batteries.