

# MOTOBATT Hybrid

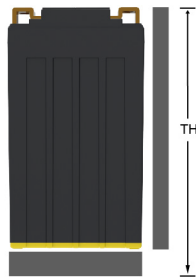
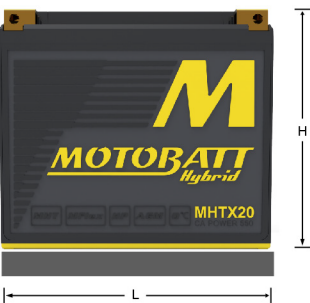
## Specification Sheet – Model: MHTX20

## Features by MHT MFlex HP AGM 0°C Techs



- ✓ Adjustable Terminal Options – Reducing Carrying Cost
- ✓ Solid and Multiple Wire Connection – Vibration Resistant
- ✓ Copper Terminal - Provide Superior Conductivity
- ✓ Outstanding Cranking Power
- ✓ Constant Cranking Performance in Cold Weather
- ✓ Longest Life Cycle and Longer Shelf Life
- ✓ Faster Charging Time
- ✓ Compatible to All OEM Charging System and 12V Chargers
- ✓ Protection against over-charging and over-discharging
- ✓ Dynamic Cell Balancing
- ✓ Rapid Recovery of Voltage

## Physical Dimensions: (in./mm)

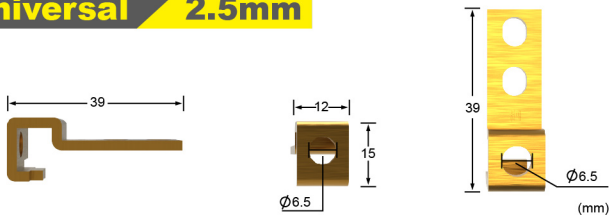


L: 6.89(175)      W: 3.43(87) / TW: 3.94(100)  
 H: 6.10(155) / TH: 6.89(175)

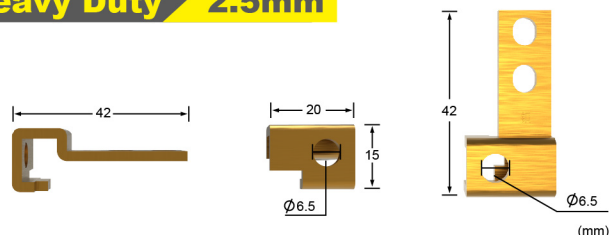
Tolerances +/-0.04in.(+/-1mm) and +/-0.08in.(+/-2mm) for height dimensions.

## M-Flex Terminals : (mm)

### Universal 2.5mm



### Heavy Duty 2.5mm



Terminal Screw: M6 x 12mm, Fastener: M5 x 10mm Screws, Philips Hex Head

## Performance Specifications

Nominal Voltage	-----	12 volts
Nominal Capacity		
20-hr. (0.7A to 10.50 volts)	-----	14.9 AH
10-hr. (1.4A to 10.50 volts)	-----	14.0 AH
Net Weight (Approx)	-----	9.26 lbs. (4.20kg)
CA (77°F/25°C, 7.2V, 30s)	-----	550 Amperes
CCA (32°F/0°C, 7.2V, 30s)	-----	350 Amperes
Energy Density (20-hr. rate)	-----	1.28W-h/in <sup>3</sup> (78.3 W-h/L)
Specific Energy(20-hr. rate)	-----	19.96W-h/lb (44.0 W-h/kg)
Operating Temperature Range		
Discharge	-----	-4°F(-18°C) to 140°F(60°C)
Charge	-----	32°F(0°C) to 113°F(45°C)
Standard Charging Current	-----	1.4 Amperes
Maximum Charging Current	-----	14 Amperes
Charging Cut-off Current	-----	0.2 Amperes
PCB Protection against Over-charging	-----	14.40volts
PCB Protection against Over-discharging	-----	8.0volts
Case	-----	ABS

## Can be used to replace

YTX20	YTX20L	YTX20-BS	YTX20H-BS
YTX20L-BS	YTX20HL-BS	YTX20HL-BS-PW	YTX20H
YTX20HL	YTX20HL-PW	YB16A	YB16A2
YB16-B	YB16-B2	YB16HL-A-CX	SYB16L-B
YB16L-A	YB16L-A2	YB16L-B	YB16L-B2
YB16C-B	YB16CL-B	YB16B-CX	GT16L-BS
GT16-BS	CTX19-BS	CTX19L-BS	GYZ20H
GYZ20L	GYZ20HL	12N16-3A	12N16-3B
12N16-4A	12N16-4B		

## Package & Accessories



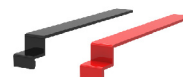
Terminals & Nuts



Screws



Bottom 175x87x20 mm / Side 150x87x15mm  
 Spacers



Terminal Cover



Retail Carton