

MOTOBATT Hybrid

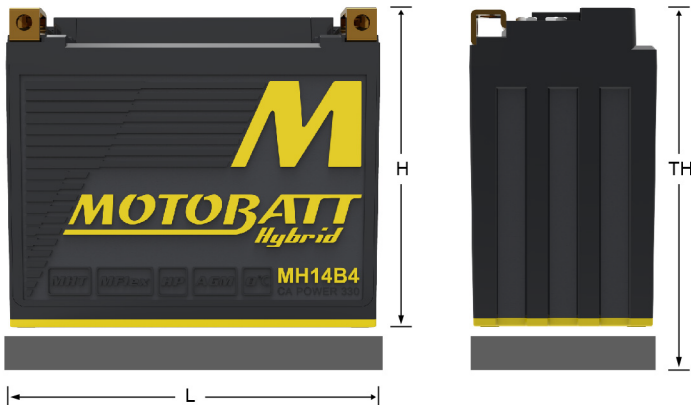
Specification Sheet – Model: MH14B4

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 Recovering of Voltage

Physical Dimensions: (in./mm)



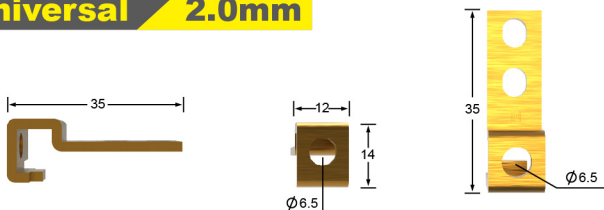
L: 5.90(150) W: 2.72(69)

H: 5.12(130) / TH: 5.71(145)

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

M-Flex Terminals : (mm)

Universal 2.0mm



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)	-----	7.8 AH
10-hr. (1.4A to 10.50 volts)	-----	7.5 AH
Net Weight (Approx)	-----	4.63 lbs. (2.10kg)
CA (77°F/25°C, 7.2V, 30s)	-----	330 Amperes
CCA (32°F/0°C, 7.2V, 30s)	-----	200 Amperes
Energy Density (20-hr. rate)	-----	1.27W-h/in ³ (75.5 W-h/L)
Specific Energy(20-hr. rate)	-----	22.52W-h/lb (49.66 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	-----	0.75 Amperes
Maximum Charging Current	-----	7.5 Amperes
Charging Cut-off Current	-----	0.1 Amperes
PCB Protection against Over-charging	-----	14.40volts
PCB Protection against Over-discharging	-----	8.0volts
Case	-----	ABS

Can be used to replace

YT12B-BS	YT12B4	YT14B4	YT14B-BS

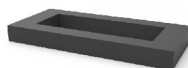
Package & Accessories



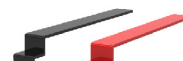
Terminals & Nuts



Screws



Bottom 150*70*15 mm
Spacers



Terminal Cover



Retail Carton