

# MOTOBATT Hybrid

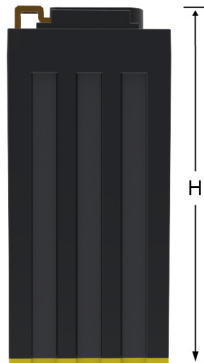
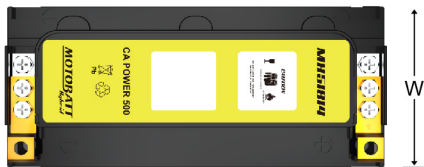
## Specification Sheet – Model: MH51814

## 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)

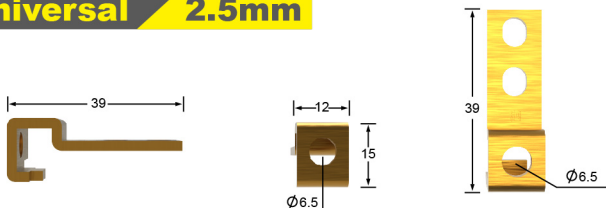


L: 7.09(180)      W: 3.05(77.5)  
H: 6.73(171)

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

## M-Flex Terminals : (mm)

### Universal 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)	-----	13.9 AH
10-hr. (1.4A to 10.50 volts)	-----	13.0 AH
Net Weight (Approx)	-----	8.73 lbs. (4.20kg)
CA (77°F/25°C, 7.2V, 30s)	-----	500 Amperes
CCA (32°F/0°C, 7.2V, 30s)	-----	300 Amperes
Energy Density (20-hr. rate)	-----	1.25W-h/in <sup>3</sup> (7.64W-h/L)
Specific Energy(20-hr. rate)	-----	20.87W-h/lb (46.0 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	-----	1.3 Amperes
Maximum Charging Current	-----	13 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

BMW:	51913	51814	
YUASA:	YT19BL-BS		

## Package & Accessories

