

# MOTOBATT Hybrid

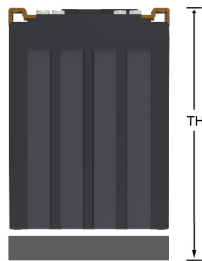
## Specification Sheet – Model: MHTX30

## 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)

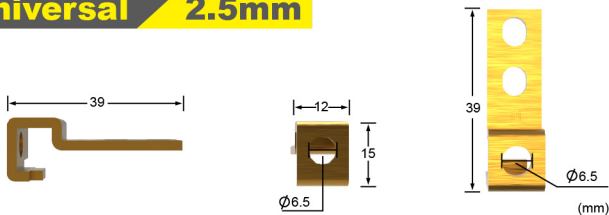


L: 6.89(166)      W: 3.43(127)  
H: 6.10(175) / TH: 6.89(192)

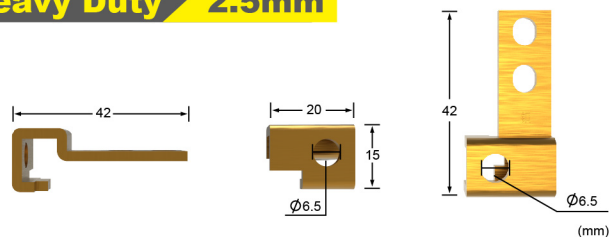
Tolerances +/-0.04in.(+/-1mm) and +/-0.08in.(+/-2mm) for height dimensions.

## 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) ----- 25.5AH

10-hr. (1.4A to 10.50 volts) ----- 24.8 AH

Net Weight (Approx) ----- 16.15 lbs. (7.70kg)

CA (77°F/25°C, 7.2V, 30s) ----- 650 Amperes

CCA (32°F/0°C, 7.2V, 30s) ----- 550 Amperes

Energy Density (20-hr. rate) ----- 1.50W-h/in<sup>3</sup> (91.1 W-h/L)

Specific Energy(20-hr. rate) ----- 20.8W-h/lb (43.6 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 ----- 2 Amperes

Maximum Charging Current ----- 650 Amperes

Charging Cut-off Current ----- 0.3 Amperes

PCB Protection against Over-charging ----- 14.40volts

PCB Protection against Over-discharging ----- 8.0volts

Case ----- ABS

## Can be used to replace

Y60-N24-A	Y60-N24-A-LB	Y60-N24L-A	Y60-N24L-A2
12N24-3	12N24-3A	12N24-4	YIX30
YIX30L	YIX30L-PW	YIX30L-BS	YIX30L-BS-PW
YB30L-B	YB30CLB	Y60-N30L-A	GYZ32HL
52515	53030		

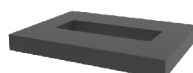
## Package & Accessories



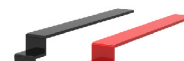
Terminals & Nuts



Screws



Bottom 166x126x17 mm Spacers



Terminal Cover



Retail Carton