

MOTOBATT

1 STOP SOLUTION

MOTOBATT
QUADFLEX™ TECHNOLOGY



MOTOBATT
PRO LITHIUM



MOTOBATT
Hybrid



MOTOBATT
GEL Technology



MOTOBATT
DEEP CYCLE



MOTOBATT
Specialty Battery



MOTOBATT
Auxillary Battery



WWW.MOTOBATT.US

MOTOBATT

1 STOP SOLUTION

HIGHEST PERFORMANCE AGM, LITHIUM AND HYBRID

POWERSPORT

Cover 238 OE Part Numbers with just 38 Motobatt Batteries



NON - POWERSPORT



WWW.MOTOBATT.US

USA



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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 Power-Sports 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

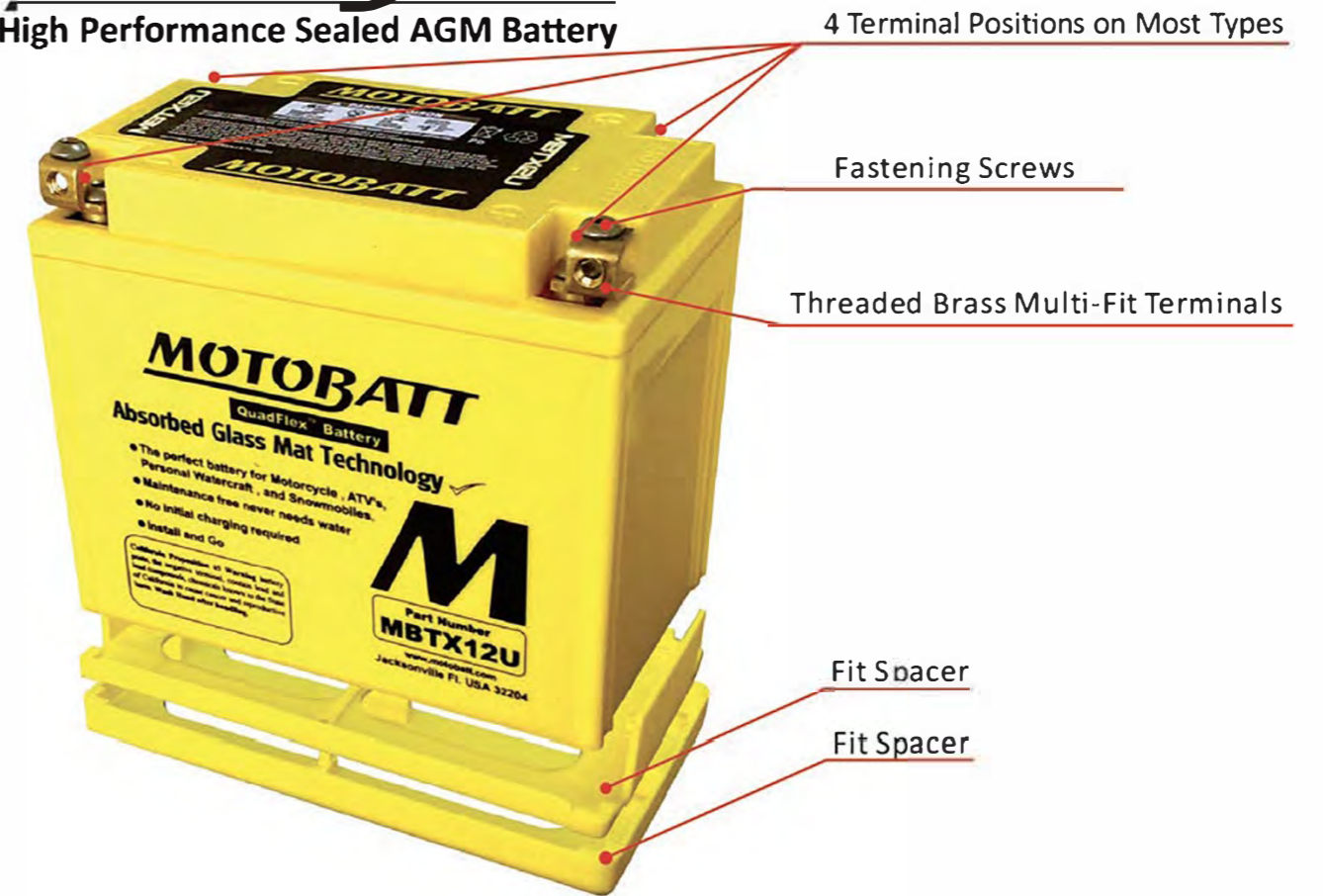
MotoBatt being a premium Absorbed Glass Mat battery is superior by design. AGM batteries have been used in demanding military and off -road applications for many years. The sealed, glass mat design has many longevity and reliability based benefits.

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 238 part numbers with just 38 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







Powersport - Battery Specification Charts





	Battery Type: MBT6N4 Voltage: 6V Capacity (10HR): 4Ah 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
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	Battery Type: MBT6N6 Voltage: 6V Capacity (10HR): 6Ah 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
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	Battery Type: MBT725 Voltage: 12V CCA: 100 Capacity (10HR): 6.5Ah 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  Terminal: 2, Fixed Screws: 2, M5X7 (Part# MPS1-2) Block Nut: 2, M5 (Part#MPN1) Terminal Caps: 2, 11x5.5 (Part#MPC1)
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	Battery Type: MBT7U Voltage: 12V CCA: 115 Capacity (10HR): 8Ah 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  Terminal: 2, Fixed Screws: 2, M5X7 (Part# MPS1-2) Block Nut: 2, M5 (Part#MPN1) Terminal Caps: 2, 11x5.5 (Part#MPC1) Spacer: None
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	Battery Type: MB2.5U Voltage: 12V Capacity (10HR): 2.5Ah Weight: 1.18kg / 2.60lbs 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
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	Battery Type: MB3U Voltage: 12V CCA: 50 Capacity (10HR): 3.8Ah 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  Terminal: 2, 10X15 (Threaded Flag) Screws: 2, M5X7 (Part# MPS1-2) Allen Wrench: 1, 3x3 (Part#MPAK1) Terminal Caps: NA Spacer: None
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	Battery Type: MBT7A85 Voltage: 12V CCA: 105 Capacity (10HR): 7Ah 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  Terminal: 2, M6 Screws: 2, M6X12 Allen Wrench: None Terminal Caps: None Spacer: None
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	Battery Type: MB7BB Voltage: 12V CCA: 150 Capacity (10HR): 9Ah 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  Terminal: 4, M5x2.5 (Part#MPT1) Screws: 4, M5X7 (Part# MPS1-2) Washer: 2 (Part#MPW) Allen wrench: 1, 3x3 (Part#MPAK1) Terminal Caps: 4, 11x5.5 (Part#MPC1) Spacer: None
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	Battery Type: MBT4BB Voltage: 12V CCA: 40 Capacity (10HR): 2.5Ah Weight: 1.05kg / 2.31lbs Dimensions (in / mm): L: 4.45(113) W: 1.50(38) H: 3.43(87) Assembly Figure Terminal Locations: 2  Terminal: 2, (Spade) Screws: NA Allen Wrench: NA Spacer: None
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	Battery Type: MT4R Voltage: 12V CCA: 45 Capacity (10HR): 2.5Ah Weight: 1.15kg / 2.54lbs Dimensions (in / mm): L: 4.49(114) W: 1.93(49) H: 3.39(86) Assembly Figure Terminal Locations: 2  Terminal: 2, (Spade) Screws: NA Allen Wrench: NA Terminal Caps: NA Spacer: None
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	Battery Type: MBT9B4 Voltage: 12V CCA: 115 Capacity (10HR): 9Ah Weight: 2.82kg / 6.22lbs Dimensions (in / mm): L: 5.91(150) W: 2.76(70) H: 4.13(105) Assembly Figure Terminal Locations: 2  Terminal: 2, Fixed Screws: 2, M6X7 (Part# MPS2-2) Block Nut: 2, M6 (Part#MPN2) Terminal Caps: 2, 12x5.5 (Part#MPC2) Spacer: None
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	Battery Type: MBT9U Voltage: 12V CCA: 160 Capacity (10HR): 10.5Ah 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  Terminal: 4, M6x2.5 (Part#MPT2) Screws: 4, M6X7 (Part# MPS2-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 4x4 (Part#MPAK2) Terminal Caps: 4, 12x5.5 (Part#MPC2) Spacer: 1, 5mm Bottom (Part#MPBS1)
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	Battery Type: MBT4U Voltage: 12V CCA: 70 Capacity (10HR): 4.7Ah 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  Terminal: 2, Fixed Screws: 2, M5X7 (Part# MPS1-2) Block Nut: 2, M5 (Part#MPN1) Terminal Caps: 2, 11x5.5 (Part#MPC1)
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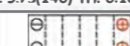
	Battery Type: MB5U Voltage: 12V CCA: 90 Capacity (10HR): 7Ah Weight: 2.30kg / 5.07lbs Dimensions (in / mm): L: 4.72(120) W: 2.36(60) H: 5.12(130) Assembly Figure Terminal Locations: 4  Terminal: 4, M5x2.5 (Part#MPT1) Screws: 4, M5X7 (Part# MPS1-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 3x3 (Part#MPAK1) Terminal Caps: 4, 11x5.5 (Part#MPC1) Spacer: None
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	Battery Type: MB9U Voltage: 12V CCA: 140 Capacity (10HR): 11Ah Weight: 3.35kg / 7.39lbs Dimensions (in / mm): L: 5.35(136) W: 2.99(76) H: 5.24(133) TH1: 5.48(139) TH2: 6.1(154) Assembly Figure Terminal Locations: 4  Terminal: 4, M6x2.5 (Part#MPT2) Screws: 4, M6X7 (Part# MPS2-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 4x4 (Part#MPAK2) Terminal Caps: 4, 12x5.5 (Part#MPC2) Spacers: 2, Bottom (Part# MPBS2) Spacer 1 = 6mm, Spacer 2 = 15mm, Total = 21mm
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	Battery Type: MBT210S Voltage: 12V CCA: 190 Capacity (10HR): 8.6Ah 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  Terminal: 4, M6x2.5 (Part#MPT2) Screws: 4, M6X7 (Part# MPS2-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 4x4 (Part#MPAK2) Terminal Caps: 4, 12x5.5 (Part#MPC2) Spacer: None
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	Battery Type: MB5.5U Voltage: 12V CCA: 90 Capacity (10HR): 7Ah 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  Terminal: 4, M5x2.5 (Part#MPT1) Screws: 4, M5X7 (Part# MPS1-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 3x3 (Part#MPAK1) Terminal Caps: 4, 11x5.5 (Part#MPC1) Spacer: None
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	Battery Type: MB7U Voltage: 12V CCA: 100 Capacity (10HR): 6.5Ah Weight: 2.40kg / 5.29lbs Dimensions (in / mm): L: 5.94(151) W: 2.56(65) H: 3.70(94) Assembly Figure Terminal Locations: 2  Terminal: 2, Fixed Screws: 2, M5X7 (Part# MPS1-2) Block Nut: 2, M5 (Part#MPN1) Terminal Caps: 2, 11x5.5 (Part#MPC1) Spacer: None
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	Battery Type: MB10U Voltage: 12V CCA: 175 Capacity (10HR): 14.5Ah 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  Terminal: 4, M6x2.5 (Part#MPT2) Screws: 4, M6X7 (Part# MPS2-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 4x4 (Part#MPAK2) Terminal Caps: 4, 12x5.5 (Part#MPC2) Spacer: 1, 9mm Bottom (Part#MPBS3)
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	Battery Type: MBT12U Voltage: 12V CCA: 200 Capacity (10HR): 14Ah 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  Terminal: 4, M6x2.5 (Part#MPT2) Screws: 4, M6X7 (Part# MPS2-2) Washer: 2 (Part#MPW) Allen Wrench: 1, 4x4 (Part#MPAK2) Terminal Caps: 4, 12x5.5 (Part#MPC2) Spacers: 2, Bottom (Part: MPBS4) Spacer 1 = 5mm, Spacer 2 = 10mm Total = 15mm
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Powersport - Battery Specification Charts





Powersport - Battery Specification Charts






Battery Type: MB12U
Voltage: 12V CCA: 160
Capacity (10HR): 15Ah
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: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: 1, 14mm Bottom (Part#MPB55)





Battery Type: MBT12B4
Voltage: 12V CCA: 150
Capacity (10HR): 11Ah
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, M6x7 (Part# MPS2-2)
Block Nut: 2, M6 (Part#MPN2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)





Battery Type: MBT14B4
Voltage: 12V CCA: 175
Capacity (10HR): 13Ah
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, M6x7 (Part# MPS2-2)
Block Nut: 2, M6 (Part#MPN2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None





Battery Type: MBT145
Voltage: 12V CCA: 190
Capacity (10HR): 11.2Ah
Weight: 3.50kg / 7.74lbs
Dimensions (in / mm) L: 5.94(151) W: 3.42(87) H: 4.33(110)
Assembly Figure Terminal Locations: 
Terminals: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: None





Battery Type: MBTX14AU
Voltage: 12V CCA: 210
Capacity (10HR): 16.5Ah
Weight: 5.4kg / 11.9lbs
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: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: 1, 8mm Bottom (Part#MPB56)





Battery Type: MBYZ16HD / MBYZ16H
Voltage: 12V CCA: 240
Capacity (10HR): 16.5Ah
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, M6x2.5 (Part#MPT2&MPT3)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: None





Battery Type: MB16A
Voltage: 12V CCA: 200
Capacity (10HR): 19Ah
Weight: 5.47kg / 12.1lbs
Dimensions (in / mm) L: 5.94(151) W: 3.58(91) H: 7.13(181)
Assembly Figure Terminal Locations: 2 
Terminals: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None





Battery Type: MBTX16U
Voltage: 12V CCA: 250
Capacity (10HR): 19Ah
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, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacer: None





Battery Type: MB16U
Voltage: 12V CCA: 240
Capacity (10HR): 20Ah
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: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: None





Battery Type: MB16AU
Voltage: 12V CCA: 230
Capacity (10HR): 20.5Ah
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: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 2, 12x5.5 (Part#MPC2)
Spacer: None





Battery Type: MB18U
Voltage: 12V CCA: 280
Capacity (10HR): 22.5Ah
Weight: 6.80kg / 14.99lbs
Dimensions (in / mm) L: 7.09(180) W: 3.54(90) H: 6.38(162)
Assembly Figure Terminal Locations: 4 
Terminals: 4, M6x2.5 (Part#MPT2)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: None

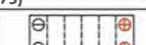



Battery Type: MBS1814
Voltage: 12V CCA: 220
Capacity (10HR): 22Ah
Weight: 6.75kg / 14.88lbs
Dimensions (in / mm) L: 7.2(183) W: 3.15(80) H: 6.69(170)
Assembly Figure Terminal Locations: 4 
Terminals: 4, M6x2.5 (Part#MPT3/20)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: None





Battery Type: MBTX20U
Voltage: 12V CCA: 310
Capacity (10HR): 21Ah
Weight: 6.50kg / 14.33lbs
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, M6x2.5 (Part#MPT2 and #MPT3/20)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacers: 2, 20mm Bottom (Part# MPB57), 13mm Back (Part# MPB55)

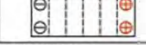



Battery Type: MBTX20UHD
Voltage: 12V CCA: 310
Capacity (10HR): 21Ah
Weight: 6.50kg / 14.33lbs
Dimensions (in / mm) L: 6.89(175) W: 3.43(87) H: 6.10(155) TW: 3.94(100) TH: 6.89(175)
Assembly Figure Terminal Locations: 4 
Terminals: 4, M6x2.5 (Part#MPT2 and #MPT3/20)
Screws: 4, M6x7 (Part# MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacers: 2, 20mm Bottom (Part# MPB57), 13mm Back (Part# MPB55)





Battery Type: MBTX24U
Voltage: 12V CCA: 300
Capacity (10HR): 25Ah
Weight: 7.45kg / 16.42lbs
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: 4, M6x2.5 (Part#MPT3/20)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacer: 1 14mm Bottom (Part#MPB58)





Battery Type: MBTX30U
Voltage: 12V CCA: 390
Capacity (10HR): 32Ah
Weight: 10.20kg / 22.48lbs
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, M6x2.5 (Part#MPT3/30)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: 4, 12x5.5 (Part# MPC2)
Spacers: 17mm Bottom (Part#MPC2), 2 Square Top Corners (Part#MPSC)





Battery Type: MBTX30UHD
Voltage: 12V CCA: 390
Capacity (10HR): 32Ah
Weight: 10.20kg / 22.48lbs
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, M6x2.5 (Part#MPT3/30)
Screws: 4, M6x7 (Part# MPS2-2)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Washer: 2 (Part#MPW)
Terminal Caps: 4, 12x5.5 (Part#MPC2)
Spacers: 17mm Bottom (Part#MPC2), 2 Square Top Corners (Part#MPSC)

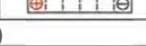


Battery Type: MBHD12H
Voltage: 12V CCA: 390
Capacity (10HR): 33Ah
Weight: 10.8kg / 23.81lbs
Dimensions (in / mm) L: 7.87(200) W: 5.12(130) H: 6.42(163)
Assembly Figure Terminal Locations: 2 
Terminals: 4, 14x2.5 (Threaded Flag)
Screws: 4, M6x7 (Part# MPS2-2) Washer: 2 (Part#MPW)
Allen Wrench: 1, 4x4 (Part#MPAK2)
Terminal Caps: NA
Spacer: None



Battery Type: MBU1R-35
Voltage: 12V CCA: 420
Capacity (10HR): 35Ah
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, M8x20 (Part# MPS2-2)
Allen Wrench and Terminal Caps: NA
Spacer: None



Battery Type: MBU1-35
Voltage: 12V CCA: 420
Capacity (10HR): 35Ah
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, M6x7 (Part# MPS2-2)
Allen Wrench: NA
Terminal Caps: NA
Spacer: None

MOTOBATT

WITH QUADFLEX™ TECHNOLOGY

**12 Part numbers cover 142 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)



TOP 12 MOTOBATT PART NUMBERS cover over 150 YUASA APPLICATIONS,
no more MISSED SALES, become a MOTOBATT DEALER and NEVER be OUT OF STOCK!

Part Number replaced by single motobatt part	MOTOBATT	Replaces	JIS (Ah)	MOTOBATT				Notes	Terminals	Replaces JIS	L (mm)	W (mm)	H (mm)		
				(Ah)	CCA	L (mm)	W (mm)							H (mm)	Total H (mm)
8	*MBT6N4	6N42A	4	4	-	71	71	96	96	2	6N42A	71	71	96	
		6N42A2	4								6N42A2	71	71	96	
		6N42A3	4								6N42A3	71	71	96	
		6N42A4	4								6N42A4	71	71	96	
		6N42A5	4								6N42A5	71	71	96	
		6N42A6	4								6N42A6	71	71	96	
		6N42A8	4								6N42A8	71	71	96	
5	*MBT6N6	6N61B	6	6	-	97	56	111	111	2	6N61B	99	57	111	
		6N63B	6								6N63B	99	57	111	
		6N63B1	6								6N63B1	99	57	111	
		6N61D	6								6N61D	99	57	111	
		6N61D2	6								6N61D2	99	57	111	
		YB2.5L-C	2.5								YB2.5L-C	80	70	105	
3	*MB2.5U	YB2.5L-C-1	2.5	2.5	-	80	70	105	105	2	YB2.5-C-1	80	70	105	
		YB2.5L-C-2	2.5								YB2.5-C-2	80	70	105	
		YB3L-A	3								YB3L-A	98	56	110	
2	*MB3U	YB3L-B	3	3.8	40	98	56	110	110	2	YB3L-B	98	56	110	
		YT4BBS	2.3								YT4BBS	114	39	86.5	
2	*MBT4BB	GT4B-4	2.3	2.5	40	113	38	87	87	2	GT4B-4	114	39	86.5	
		YTR4ABS	2.3								YTR4ABS	114	49	86	
1	*MTR4	YTX4LBS	3	2.5	45	114	49	86	86	2	YTX4LBS	114	71	86	
		YT4LBS	4								YT4LBS	114	71	86	
		YB4LA	4								YB4LA	120	70	92	
		YB4LB	4								YB4LB	120	70	92	
		YTZ5S	3.5								YTZ5S	114	71	86	
5	*MBTX4U	YB5LB	5	4.7	70	114	70	87	87	2	YB5LB	120	60	130	
		12N53B	5								12N53B	120	60	130	
		12N54B	5								12N54B	120	60	130	
3	*MB5U	12N5.5-3B	5.5	7.0	90	120	60	130	130	4	12N5.5-3B	135	60	130	
		12N5.5-4A	5.5								12N5.5-4A	135	60	130	
		YT7BBS	6.5								YT7BBS	150	65	93	
2	*MB5.5U	YT7B4	6.5	6.5	100	151	65	94	94	2	YT7B4	150	65	93	
		YTX5L-BS	4								YTX5L-BS	114	70	105	
3	*MBT7S	YTZ8S	5	6.5	130	114	70	107	107	2	YTZ8S	114	70	107	
		YTZ7S	6								YTZ7S	114	70	107	
2	*MBTX7U	YTX7LBS	6	8.0	115	114	70	128	128	2	YTX7LBS	114	71	131	
		YTZ6V	7								YTZ6V	113	70	130	
1	MBTX7ABS	YTX7ABS	6	7.0	105	151	87	95	95	2	YTX7ABS	150	87	94	
1	*MB7BB	YB7B-B	7	9.0	150	150	80	130	130	4	YB7B-B	150	80	130	
2	*MBT9B4	YTR9BBS	8	9.0	140	150	70	104	104	2	YTR9BBS	150	70	105	
		CT9B4	9								CT9B4	150	70	104	
6	*MBTX9U	YTR9BS	8	10.5	160	151	87	105	110	Includes 5mm bottom spacer	4	YTR9BS	150	87	105
		YTX9	8									YTX9	150	87	105
		YTX9BS	8									YTX9BS	150	87	105
		YT12ABS	9.5									YT12ABS	150	87	105
		YTZ12S	11									YTZ12S	150	87	110
		YTZ14S	11.2									YTZ14S	150	87	110
		12N73A	7									12N73A	135	75	133
		12N73B	7									12N73B	135	75	133
		12N7D3B	7									12N7D3B	135	75	150
		12N74A	7									12N74A	135	75	133
		12N74B	7									12N74B	135	75	133
21	*MB9U	YB7A	8	11.0	140	136	76	133	155	Includes 6 mm or 22 mm bottom spacer	4	YB7A	135	75	133
		YB7AA	8									YB7AA	135	75	150
		YB7LA	8									YB7LA	135	75	133
		YB7LB	8									YB7LB	135	75	133
		YB9A	9									YB9A	135	75	139
		YB9AA	9									YB9AA	135	75	155
		YB9A2	9									YB9A2	135	75	139
		YB9LA2	9									YB9LA2	135	75	139
		YB9B	9									YB9B	135	75	139
		YB9LB	9									YB9LB	135	75	139
		YB9B2	9									YB9B2	135	75	139
		YB9LB2	9									YB9LB2	135	75	139
		12N93A	9									12N93A	135	75	139
		12N93A1	9									12N93A1	135	75	139
		12N93B	9									12N93B	135	75	139
12N94B1	9	12N94B1	135	75	139										
2	*MBTZ10S	YTX7ABS	6	8.6	190	151	87	95	95	4	YTX7ABS	150	87	94	
		YTZ10S	8.6								YTZ10S	150	87	93	
		12N103A	10								12N103A	135	90	145	
11	*MB10U	12N103A1	10	14.5	175	135	90	146	155	Includes 9mm bottom spacer	4	12N103A1	135	90	145
		12N103A2	10									12N103A2	135	90	145
		12N103B	10									12N103B	135	90	145
		YB10AA2	11									YB10AA2	135	90	155
		YB10LA2	11									YB10LA2	135	90	145
		YB10LB	11									YB10LB	135	90	145
		YB10LB2	11									YB10LB2	135	90	145
		12N113A	11									12N113A	135	90	155
		12N113A1	11									12N113A1	135	90	155
		12N113B	11									12N113B	135	90	155

Part numbers replaced by single Motobatt part

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



MOTORCYCLES

Table with columns: CC, Model, Year, Motobatt, HeavyDuty Lithium, Hybrid. Includes sub-sections for BMW, BRP, BSA, BUELL, CAGIVA, CAN-AM, CANNONDALE, CCM, DERBI, and DUCATI.

MOTORCYCLES

Table with columns: CC, Model, Year, Motobatt, Heavy Duty, Lithium, Hybrid. Includes sub-sections for GILERA, HONDA, and HARLEY.



MOTORCYCLES

Table with columns: CC, Model, Year, Motobatt, Heavy Duty, Lithium, Hybrid, CC, Model, Year, Motobatt, Heavy Duty, Lithium, Hybrid. Includes sections for SUZUKI, TRIUMPH, and VICTORY.



MOTORCYCLES & ATV

Table with columns: CC, Model, Year, Motobatt, Heavy Duty, Lithium, Hybrid, CC, Model, Year, Motobatt, Heavy Duty, Lithium, Hybrid. Includes sections for YAMAHA, ARCTIC CAT, BRP CAN-AM, and E-TOX.



SNOWMOBILE

Large table listing snowmobile models and compatible battery types (Motobatt, Lithium, Hybrid) with columns for CC Model, Year, Motobatt, Lithium, and Hybrid.

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

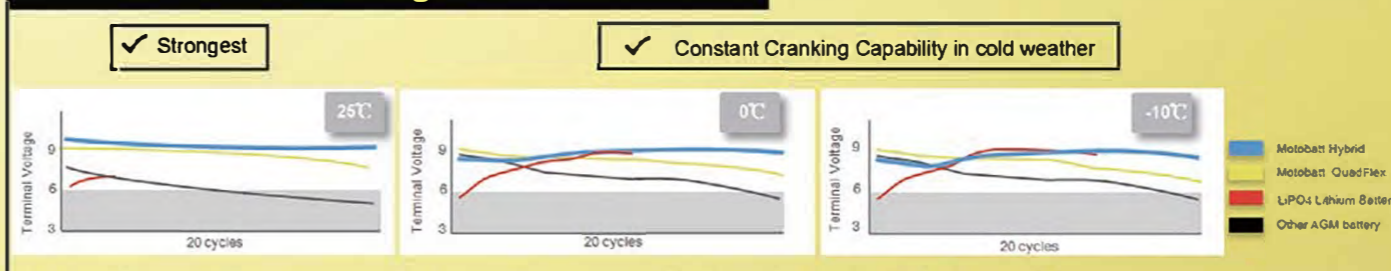
Compare to Lead Acid Battery

- 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 5 MODELS of Motobatt Hybrid series REPLACE 83JIS MODELS !

MOTOBATT Hybrid Model	Voltage (V)	Cranking Ampere (A)	Net Weight (KG)	Terminal Locations	Dimension (mm)			Note	JIS models Replaced by single Motobatt Parts	Replaced Quadflex Models	Replaced Pro Lithium Models
					L	W	H				
MHTX30 	12	650	7.00		166	126	175	Includes 17mm bottom spacer	20	MBTX30U MBTX30UHD	MPLX30UHD
MHTX20 	12	550	4.20		175	87	155	Includes 20mm bottom Spacer and a 13mm side spacer	34	MBTX20U MBTX20UHD	MPLX20UHD
MH51814 	12	500	4.00		185	82	171	-	3	MB51814	MPL51814
MH14B4 	12	330	2.20		150	70	130	Includes 15mm side spacer	4	MBT12B4 MBT14B4	MPL14LB4
MHTX16 	12	350	2.50		151	87	130	Includes 15mm side spacer	22	MBTX12U MBYZ16H MBTX16U	MPLX16U

M-FLEX

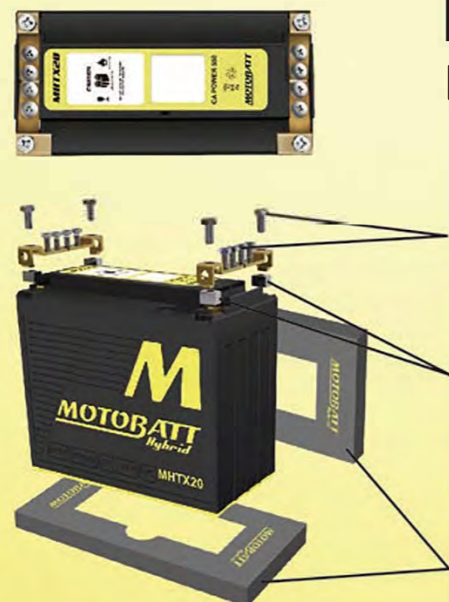
TERMINAL TYPES



H.D.design



Universal design



PARTS & ACCESSORIES

Part	Code	Specification
Screw	MHAS01	Stainless steel, Philips hex head M6x12mmx1.0mm pitch
	MHAS02	Stainless steel, Philips hex head M5x12mmx0.8mm pitch
Lock Nut	MHALN01	Stainless steel, M6x1.0mm pitch, 2 position
	MHALN02	Stainless steel, 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



PERFORMANCE CELL BALANCER CIRCUIT

CHARGING



CELL1 CELL2 CELL3 CELL4

- **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-P
	Voltage: 12V CCA: 165
	Weight: 0.49kg
	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, MSX7 (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-P
	Voltage: 12V CCA: 300
	Weight: 0.92kg
	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-P
	Voltage: 12V CCA: 280
	Weight: 0.77kg
	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-P
	Voltage: 12V CCA: 370
	Weight: 1.07kg
	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: MPLT214S-P
	Voltage: 12V CCA: 280
	Weight: 0.82kg
	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 #MPLT214S-EVA 147*84*10) (1 Pcs EVA #MPL16U-EVA 147*84*5) EVA 1=10mm, 2=5mm, total=15mm	

 	Battery Type: MPLX16U-P
	Voltage: 12V CCA: 370
	Weight: 0.99kg
	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	

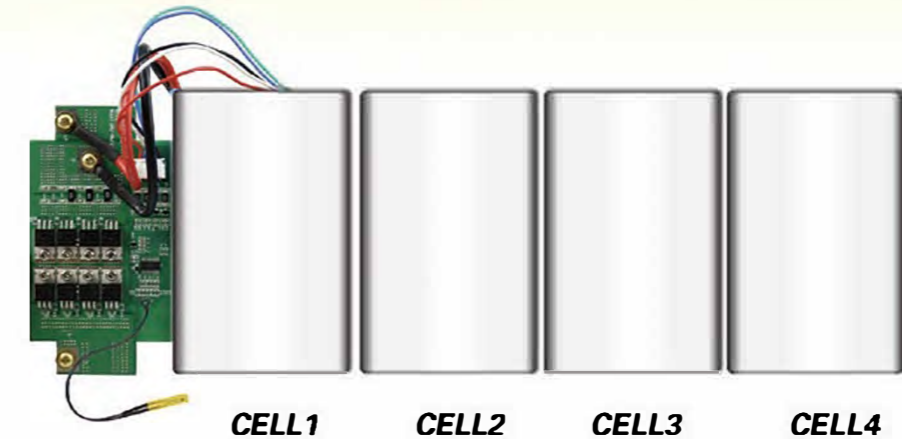
 	Battery Type: MPLXKTM16-P
	Voltage: 12V CCA: 165
	Weight: 0.50kg
	Dimensions (in / mm)
	L: 3.56(90.4) W: 3.62(91.9) H: 2.08(52.8)
Assembly Figure Terminal Locations: 2	

 	Battery Type: MPLXHK-P
	Voltage: 12V CCA: 165
	Weight: 0.70kgs
	Dimensions (in/mm)
	L: 4.41(112) W: 1.93(49) H: 3.35(85)
Assembly Figure Terminal Locations: 2	



HIGH PERFORMANCE BALANCER AND PROTECTION CIRCUIT BOARD

CHARGING



- 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.



BALANCER FUNCTION IS TO OPTIMIZE EACH CELL VOLTAGE TO THE MAXIMUM OUTPUT


CELL PROTECTION: BALANCE PROTECTION (PER CELL) ACTIVATE AT 3.59V

VOLTAGE PROTECTION
 Charging protection cut off at 15.4 V Discharging protection cut off at 8.0V


TEMPERATURE PROTECTION:
 Charging protection cut off at 55° C Discharging protection cut off at 75° C

PROTECTION CIRCUIT BOARD (PCB) HP SERIES FEATURES:


- Over charge protection-Prevents the machine, charger or consumer applying damaging voltages to the battery.
- Over discharge protection-Prevents machine or consumer draining battery to failure point by parasitic rain or battery application incompatibility. At 8V battery will shut down the protect the cells from being discharged to failure. Simply recharge to full voltage and use again!
- Prevents damages by non-lithium chargers using de-sulphating mode or boost mode.
- Thermal Protection-Built in temperature sensor activates shutdown process before the battery an overheat.
- Note competitor batteries or standard P series Lithium batteries may not recover from being drawn below 8V. This is a main cause of nuisance warranty.


Battery Type: MPLX7U-HP
Voltage: 12V CCA: 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, MSX7 (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 CCA: 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 CCA: 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 CCA: 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: MPLT214S-HP
Voltage: 12V CCA: 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 #:MPLT214S-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 CCA: 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 #	CCA	Battery Net Weight	Replace Quadflex Model
		KGS	
MPLXKTM16-P	165	0.47	Replace OE Battery
MPLX7U-P	165	0.49	MBTX4U MBT27S MBTX7U
MPLX7U-HP		0.53	
MPLT214S-P	280	0.82	MBT210S MBTX9U MBT214S
MPLT214S-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 Prolithium batteries require different care and maintenance to standard lead acid batteries.

- Always use an approved charger like Motobatt PDCFB 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.



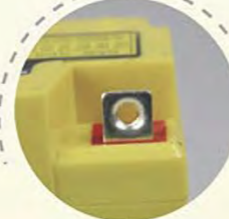
RECOMMENDED CHARGER
**MOTOBATT
FAT BOY
PDCFB**

Motobatt Prolithium 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.**



Smooth welding technology

Good welding ensures 100% No Short circuit, Extend battery life, 10% more Battery discharge time.



Silver Coated copper terminal

Up to 50% better conductivity than lead type.





European Gel





No acid leak, no acid mist







 MTZ6S	Voltage	12V	 MTX7L	Voltage	12V
	Capacity	6Ah		Capacity	7Ah
	Reference CCA (-18C)	95A		Reference CCA (-18C)	105A
	Dimension (mm)	L:114 W:70 H:107		Dimension (mm)	L:113 W:70 H:129
	Polar			Polar	
Replaced YUASA	YTZ7S YTX5L-BS	Replaced YUASA	YTX7L-BS		

 MTX7A	Voltage	12V	 MTX7B	Voltage	12V
	Capacity	7Ah		Capacity	7Ah
	Reference CCA (-18C)	110A		Reference CCA (-18C)	90A
	Dimension (mm)	L:151 W:87 H:95		Dimension (mm)	L:151 W:65 H:94
	Polar			Polar	
Replaced YUASA	YTX7A-BS	Replaced YUASA	YT7BBS		

 MTX7D	Voltage	12V	 MTX7DL	Voltage	12V
	Capacity	7Ah		Capacity	7Ah
	Reference CCA (-18C)	105A		Reference CCA (-18C)	105A
	Dimension (mm)	L:149 W:60 H:129		Dimension (mm)	L:149 W:60 H:129
	Polar			Polar	
Replaced YUASA	12N7A-4A	Replaced YUASA	12N7A-3A		

 MTX7C	Voltage	12V	 MTX7CL	Voltage	12V
	Capacity	7Ah		Capacity	7Ah
	Reference CCA (-18C)	100A		Reference CCA (-18C)	100A
	Dimension (mm)	L:135 W:76 H:123		Dimension (mm)	L:135 W:76 H:123
	Polar			Polar	
Replaced YUASA	12N7-4A 12N7-4B YB7-A	Replaced YUASA	12N7-3B YB7L-B		



 MTX9	Voltage	12V	 MTX9A	Voltage	12V
	Capacity	9Ah		Capacity	9Ah
	Reference CCA (-18C)	125A		Reference CCA (-18C)	140A
	Dimension (mm)	L:137 W:76 H:133		Dimension (mm)	L:151 W:97 H:105
	Polar			Polar	
Replaced YUASA	YB7-A YB9-B, YB9A-A 12N7-4A, 12N7-4B 12N9-4B-1	Replaced YUASA	YTX9-BS		

*Ps. All data in the brochure are just for your reference. If the actual data differ from the expected data, the former should prevail. The company reserves the final interpretation



ABS 100% New ABS material
Non recycle ABS plastic



 20% extra capacity
more powerful



 Lower internal resistance
assures bigger power.



 MT2.5L	Voltage	12V
	Capacity	2.5Ah
	Reference CCA (-18C)	30A
	Dimension (mm)	L:81 W:77 H:102
	Polar	
Replaced YUASA	YB2.5L-C	

 MTX3L	Voltage	12V
	Capacity	3Ah
	Reference CCA (-18C)	35A
	Dimension (mm)	L:98 W:56 H:109
	Polar	
Replaced YUASA	YB3L-A YB3L-B	

 MTZ5S	Voltage	12V
	Capacity	4.2Ah
	Reference CCA (-18C)	65A
	Dimension (mm)	L:113 W:70 H:85
	Polar	
Replaced YUASA	YB4L-A YB4L-B YTX4L-BS 12N4-3B, YTX3-BS	

 MTX5L	Voltage	12V
	Capacity	5Ah
	Reference CCA (-18C)	70A
	Dimension (mm)	L:113 W:70 H:106
	Polar	
Replaced YUASA	YTX5L-BS	

 MTX5AL	Voltage	12V
	Capacity	5Ah
	Reference CCA (-18C)	85A
	Dimension (mm)	L:119.5 W:60.5 H:131
	Polar	
Replaced YUASA	12N5-3B YB5L-B	

 MTX6.5L	Voltage	12V
	Capacity	6.5Ah
	Reference CCA (-18C)	85A
	Dimension (mm)	L:138 W:66 H:102
	Polar	
Replaced YUASA	YB6.5L-B	



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	19	195x130x165	179
U1-9	24	195x130x165	179
U1-32	32	195x130x165	179
U1-35	36	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	166x126x176mm
MB 36-12	36	195x130x165mm
MB 50-12	50	197x166x176mm

MARINE BATTERY

MODEL	CAPACITY 20HR (AH)	SCI 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) **BCIGROUP: 24**

Deep Cycle VRLA Battery

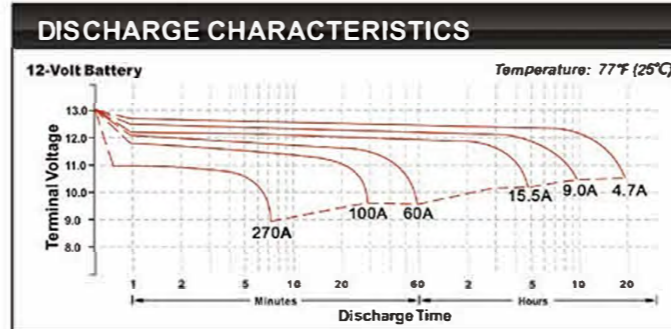


CUT OFF VOLTAGE V/cell	CONSTANT CURRENT DISCHARGE (Amps)										
	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	100	72	60	36	25.5	13.0	10.8	9.0	7.6	4.7	4.5

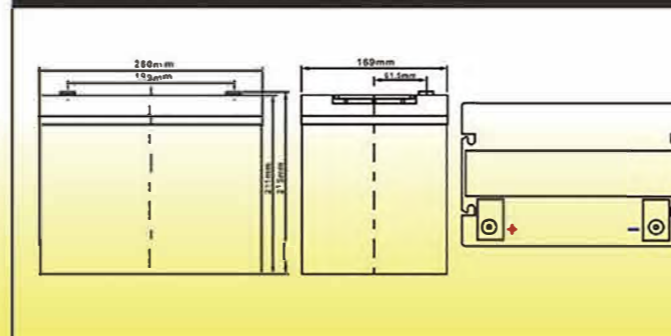
RESERVE CAPACITY	
@25 AMPS	@75 AMPS
184 Minutes	43 Minutes

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)	5.5mΩ
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 0.2 x C20 14.5V ~ 14.9V/77°F (25°C)
	Float	13.6V ~ 13.8V/77°F (25°C)



SIZE & DETAILED ILLUSTRATION



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**

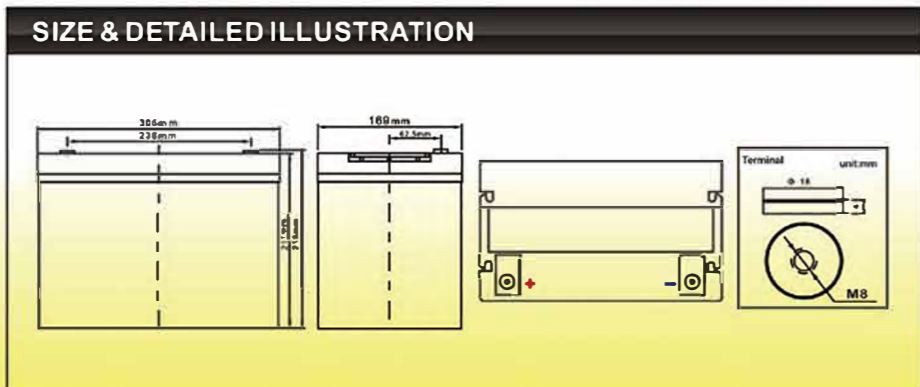
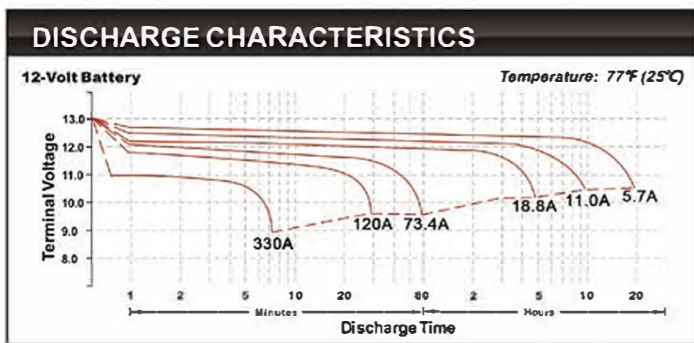


CONSTANT CURRENT DISCHARGE (Amps)											
CUTOFF VOLTAGE V/cell	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	120	88	73.4	44	31.2	15.9	13.2	11.0	9.3	5.7	5.5

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 (18.8A to 10.2 Volts)	94 AH
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 $\square 0.2 \times C20$ 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**

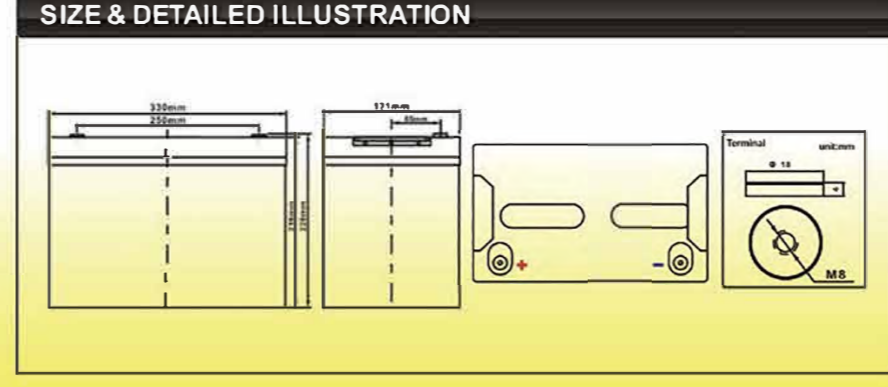
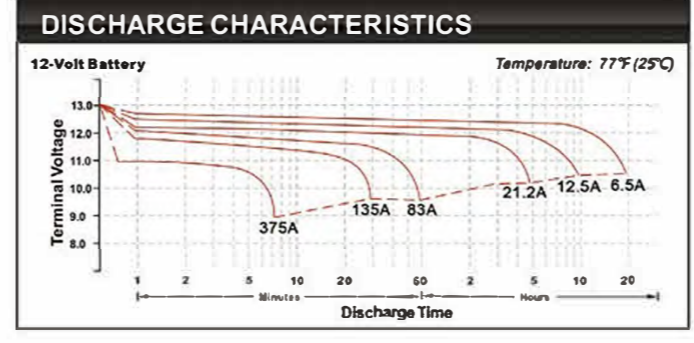


CONSTANT CURRENT DISCHARGE (Amps)											
CUTOFF VOLTAGE V/cell	30M	45M	1H	2H	3H	6H	8H	10H	12H	20H	21H
1.75V	135	100	83	50	35.4	18.0	15.0	12.5	10.6	6.5	6.25

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)	130AH
	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 $\square 0.2 \times C20$ 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



CONSUMER BATTERY

1.5V Alkaline Button Cell Battery



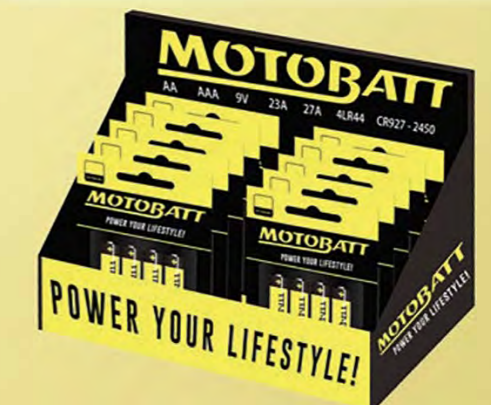
1.5V oxide silver Button Cell Battery

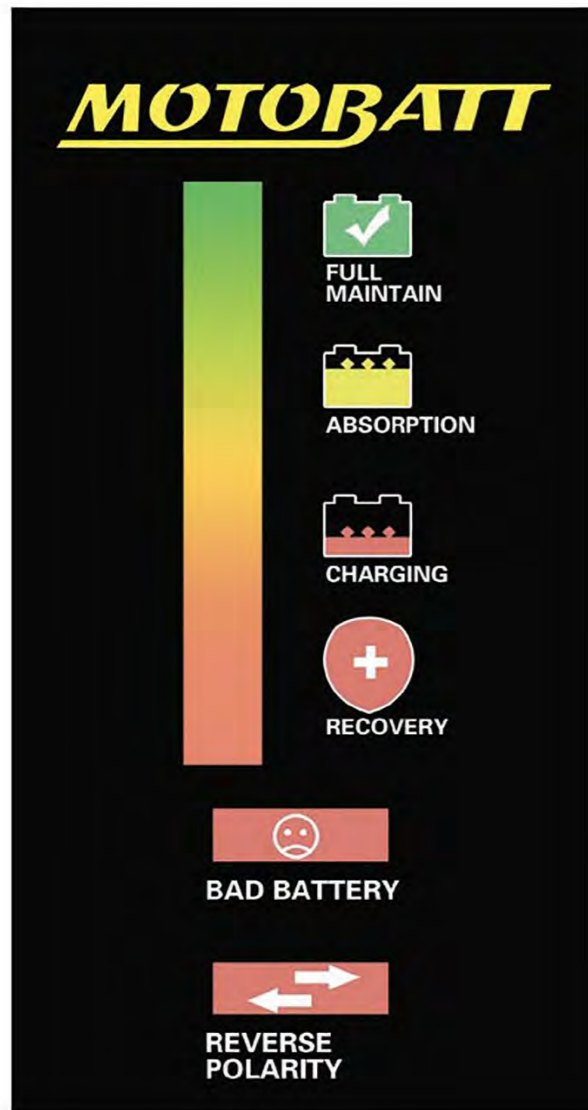


3.0V Lithium Button Cell Battery



Alkaline Batteries



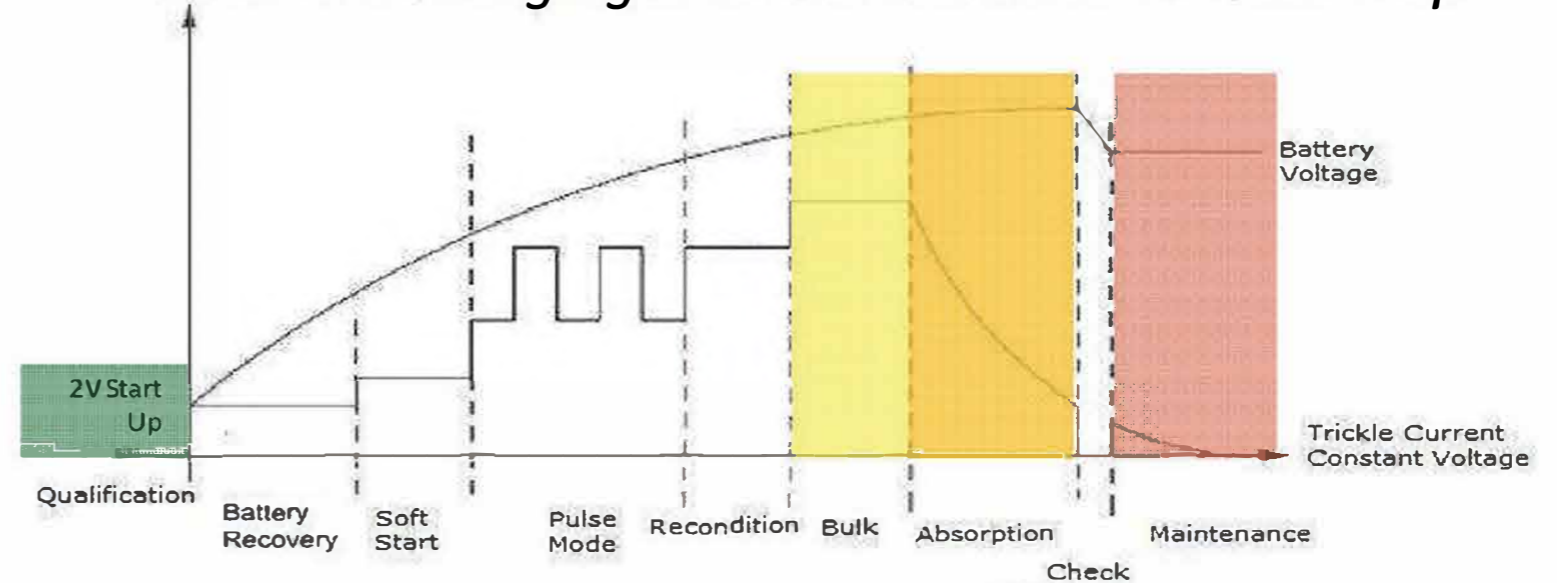


Unique 9 MotoBatt Stage Charging and Maintenance Process

- 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



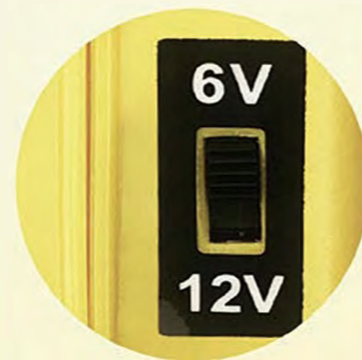
Keeping your batteries properly charged and maintained will dramatically Extend Battery Life!

Remarks:				
	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



LITTLE BOY

MBCLB 6V/12V Selectable 1000mA



6V/12V selectable



SPECIAL FEATURES

- 👉 3 Steps Algorithm Automatic Charging & Maintaining
- 👉 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: 100-240VAC-50 / 60 Hz, Auto-switching
 Output: 6V/12VDC 1000mA
 Max Charge Current: 1000mA
 Max Voltage: 7.5V (6V Battery)
 15V (12V Battery)
 Battery Capacity: Charging 2 to 20 Ah



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

PDC4X2A 4 Banks 12V 2.0A 9 Step Algorithm



CHARGES 4 BATTERIES AT THE SAME TIME



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

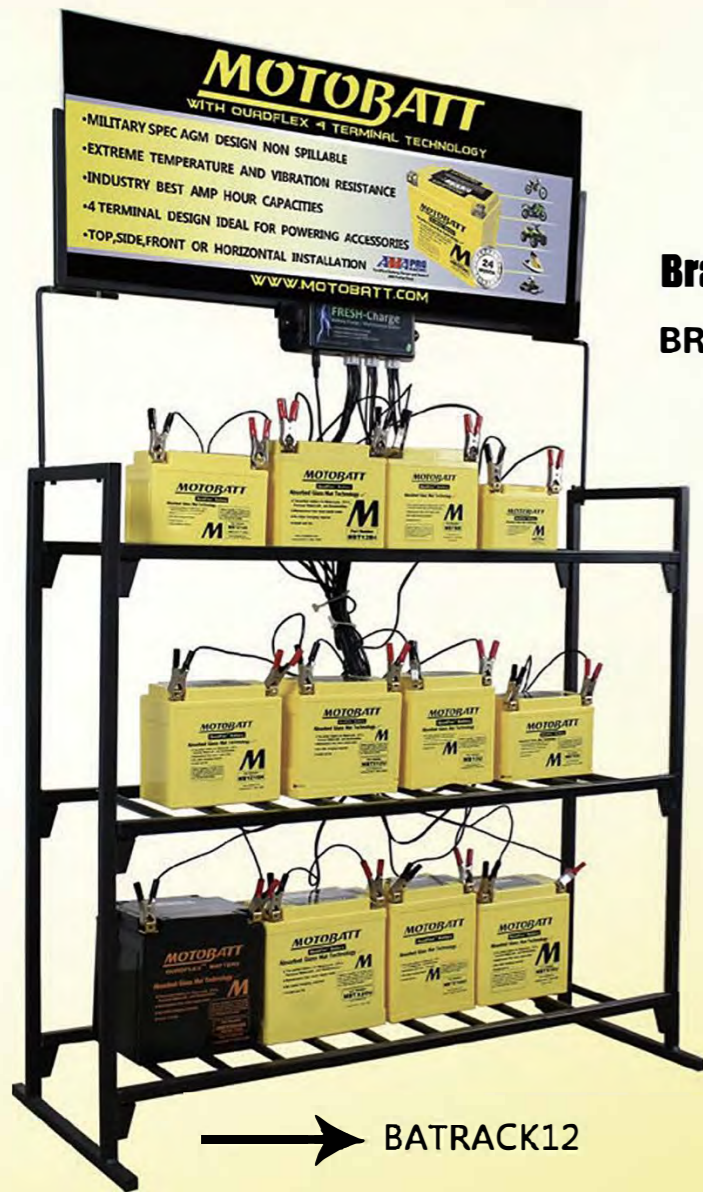
Application: All 12V Batteries, suits all AGM, Lead Acid, Calcium, and Gel batteries
 Input: Auto-switching 100-240VAC 50 / 60 Hz
 Output: 12VDC 4A per channel
 Max Charge Current: 4A
 Max Voltage: 14.9V
 Battery Capacity: Charging - 4 to 100 Ah, Maintenance – all sizes



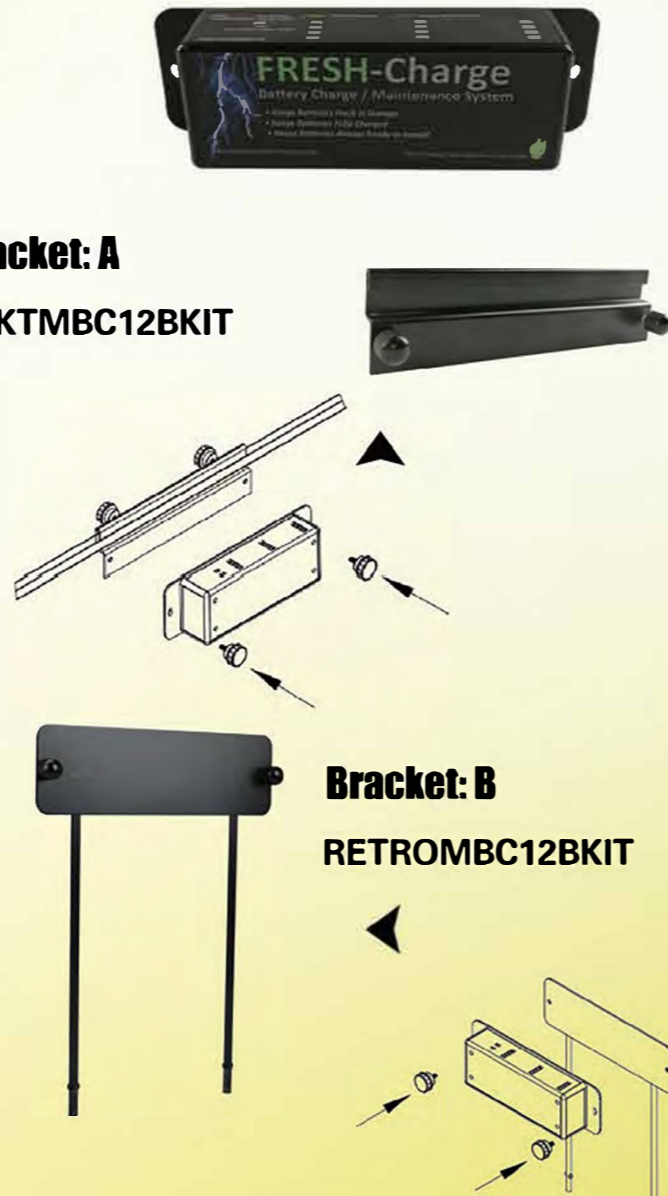


12 STATION BATTERY MAINTENANCE CHARGER

MBC12B 1.0 A Rotating Charge



Bracket: A
BRKTMBC12BKIT



Bracket: B
RETROMBC12BKIT

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

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



Digital Battery Tester

Digital Battery/Charging/Starting System Analyzer

MB-MINI



SPECIFICATIONS:

Product Name: Motorcycle Battery and System Tester
 Model: MB-MINI
 Application: 12V Battery, 12V Charging System
 Operating Range: 20-450 CCA
 Battery Test / Rating System: Custom test by MotoBatt part number code, Sealed and SLI - CCA, CA, EN, IEC, DIN
 Voltmeter: 7 to 15V
 Test Type: Micro Load Dynamic Resistance
 Display: 4 Digital + 4 LEDs
 Dimensions: L-4.9" (124mm), W- 3.1" (79mm), H-.84" (21mm)

FEATURES:

- No Internal Battery
- Micro Design for Pocket Storage



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 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

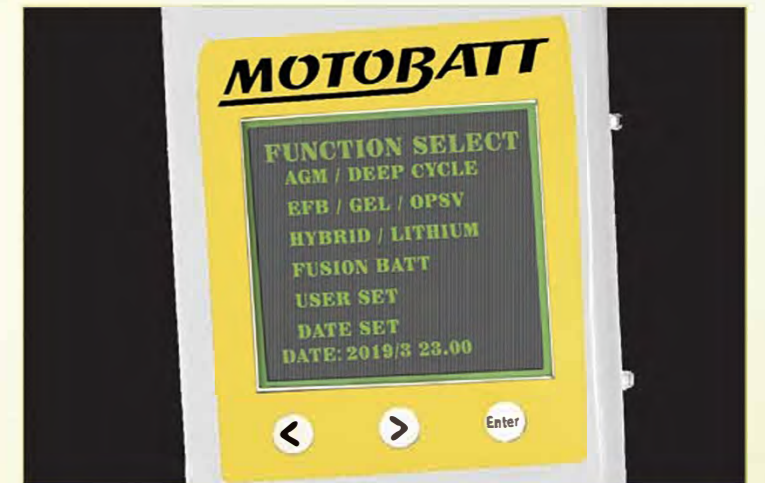
MB-BCT



Aluminum Case



Slim Size



LCD Screen

SPECIFICATIONS:

- Application: 12V battery only
Pre-set testing for AGM, Deep Cycle, EFB, GEL, OPSV, Fusionbatt, Motobatt Hybrid, Lithium battery, and personalized your battery testing.
- Battery capacity: 10Ah to 200Ah

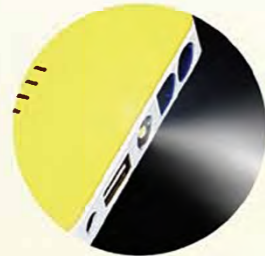
FEATURES:

- ➡ 99% Accuracy with MOSFET circuit control
- ➡ Over voltage protection
- ➡ Wrong polarity protection
- ➡ Error Alert
- ➡ Over temperature protection
- ➡ Memory for last result
- ➡ Automatic storage test data and printing
- ➡ LCD screen



MINI LITHIUM JUMP STARTER

MBJ-7500



Lighting



Digital products charging

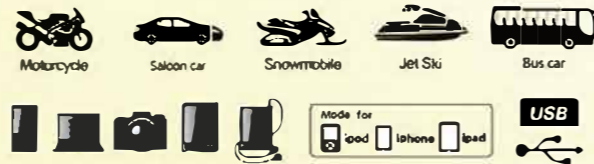


Automobile rescue device



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



MB-CCRT6

21" length 6mm Diameter Ring with 7.5A fuse



MB-TCL

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



MB-CCRT6-JAR

25pcs MB-CCRT6 in Candy Jar



MB-CCAC

21" length Alligator Clip cable



MB-CCRT8

21" length 8mm Diameter Ring with 7.5A fuse



Accessories



MB-MAP

21" length with "Flex FIT" Car Lighter Plug adaptor



MB-CL25

25' 18AWG Cable Lead Extension Cable



MB-CL5

5' 18AWG Cable Lead Extension Cable



MB-CL25

1'6" 18AWG Cable Lead with Female Accessory Cigarette Lighter Socket



MB-CL10

10' 18AWG Cable Lead Extension Cable



MB-RTC

2 Pin Plug Replacement Weather Cap



Accessories



MBLVBA

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

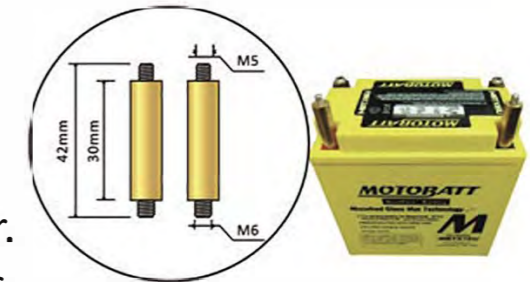
MB-USB

USB In-Line charger



MB-MPA-ADAPTOR

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



MB-APKIT

Motobatt Battery Service Parts


Motobatt Small Parts Kit Contains
 -Extra/ replacement brass terminals and stainless steel fastners 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 refiling 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# MPTC/MPCC QTY:5/5sets
Block Nut/ Washer Part# MPN1/MPN2/MPN3 QTY:10/10/10PCS	Screw Part# MPT5 QTY:10PCS	Screw Part# MPT2 QTY:10PCS	Adapter Part# MPA QTY:4PCS	Accessories Part# MB-CLS 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
MPB55-(14mm bottom spacer for the model MB12U)
- 


MOTOBATT Bottom Spacer
MPB56-(8mm bottom spacer for the model MBTX14AU)
- 


MOTOBATT Bottom Spacer
MPB57-(20mm bottom Spacer for the model MBTX20U)
- 


MOTOBATT Bottom Spacer
MPB58-(14 mm bottom Spacer for the model MBTX24U)
- 


MOTOBATT Screw
MPS1-2-(4 pieces M5 screw)
- 


MOTOBATT Screw
MPS2-2-(4 pieces M6 screw)
- 


MOTOBATT Block Nut
MPN1-(2 Pieces M5 Nut)
- 


MOTOBATT Block Nut
MPN2-(2 Pieces M6 Nut)
- 


MOTOBATT Washer
MPW-(2 Pieces Washer)
- 


MOTOBATT Square Corner
MPSC-Special Square Coner for the model MBTX30U
- 

MOTOBATT Bottom Spacer
MPB59-(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 $\phi 11 \times 5.5$ terminal cap for each color)
- 


MOTOBATT Terminal Cap
MPC2-(1 piece $\phi 12 \times 5.5$ terminal cap for each color)
- 


MOTOBATT Side Spacer
MP55-(For the model MBTX20U)
- 


MOTOBATT Cable
MP6NC10-(Negative/Black)
- 


MOTOBATT Cable
MP6NCD-(Positive/Red)
- 


MOTOBATT Cable
MP6NC5-(Positive/Red)
- 


MOTOBATT Cable
MP6NC12-(Positive/Red)
- 


MOTOBATT Bottom Spacer
MPB51-(5mm bottom spacer for the model MBTX9U)
- 

MOTOBATT Bottom Spacer
MPB52-(Total 22mm bottom spacer for the model MB9U)
- 

MOTOBATT Bottom Spacer
MPB53-(9mm bottom spacer for the model MB10U)
- 

MOTOBATT Bottom Spacer
MPB54-(15MM bottom spacer for the model MBTX12U)
- 

MOTOBATT Cable
MP6NC11-(Positive/Red)
- 

MOTOBATT Cable
MP6NC6-(Positive/Red)
- 

MOTOBATT Cable
MP6NC16-(Positive/Red)



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-APTAPE

OPP TAPE
 Length: 100m
 Width: 48mm
 Thickness: 50U
 Quality: E-MARK Approval;
 Stable at all Weathers



Part # :MBUS-008

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



Part # :MB-APPEN

Blue Ball Pen

Part # :MB-APBF

PIT LANE FLAG

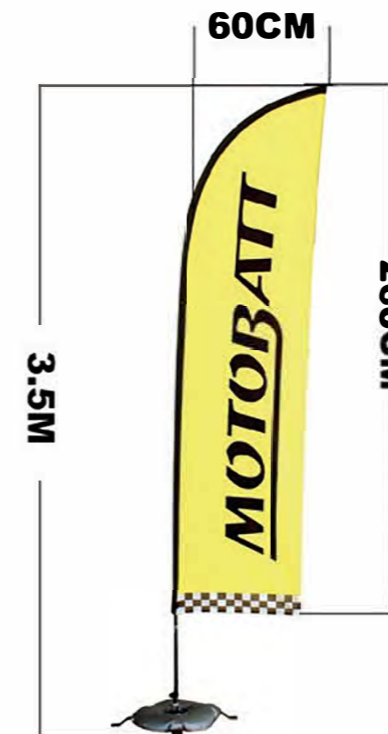
Comes with weighted lower stand platform. Easy to assemble. Perfect compliment to Motobatt Yellow Stand

Flag Material: Canvas

Come With Bag Fold

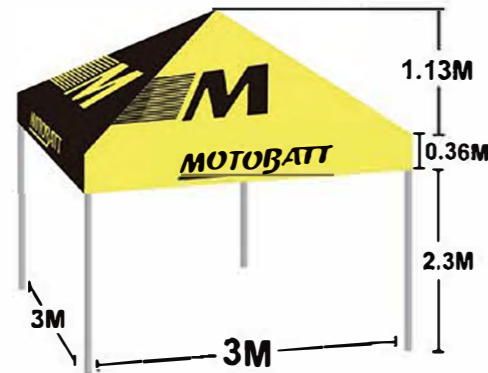


Unfold





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



BATRACKHEADER



Part # :BATRACK12

More items in stock and frequently updated

- This rack is perfect for shipping. Assembles with no tools and will hold large size batteries with ease
- Designed to be in use with MotoBatt 12 bank maintenance charge Part No:MBC12B
- Used with MotoBatt header board or call us for your company Details if required



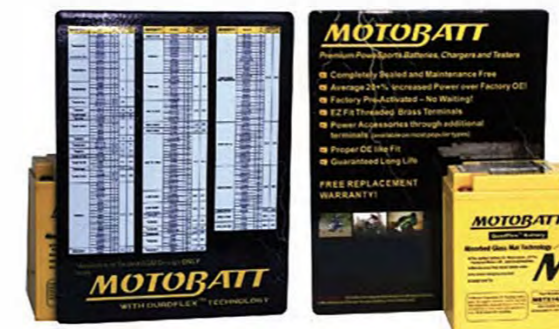
Part # :MB-RACK

MotoBatt Tall Yellow Display Rack
with MotoBatt Header Card

- 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-CDISPLAY

MotoBatt Counter Display
with Dummy Battery
and Feature Display Card



Part # :MB-APMPDISPLAY

Includes:
 Desktop display box
 with Dummy Sample
 Dummy MPLX4U-P cost \$ 2.20
 Dummy MPLTZ7S-HP cost \$2.30



Part # :MB-APUMBRELLA
 UMBERLLA



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

Part # :MB-APCUPB



Part # :MB-APCUPY



▼ 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.



▼ **MotoBatt Battery Tester - Commonly asked questions and answers**

Q1: What is the MB-VM tester designed to be used for?

A1: The MB-VM is simple and inexpensive voltmeter that shows the open circuit state of charge of a battery in the form of % of charge. When used with the engine is started it will also indicate overcharge voltage going to the battery with the "bad" indicator light and passing charge voltage with the "good" indicator light. Another cool part about the meter is that it can be used to remotely test the battery, without actual access to the battery by inserting the probes (in the fixed position) into the battery charge / maintenance lead and if the battery is accessible or on the workbench you can remove the negative lead from its fixed position and test the battery at each terminal location. It's a great tool for every dealership counterperson in a dealership or any consumer.

Q2: Does MotoBatt have an actual resistance load tester available?

A2: Yes, The MotoBatt part # MBT is an inexpensive tester uniquely designed specifically for the PowerSports market and is a great blend of a newer digital microprocessor controlled meter with the old tried and true fixed resistance load tester. It actually loads the battery to simulate the resistance of a starter load on the battery and allows you to compare the result to your batteries rating on a matrix on the face of the tester to determine final results. By using the unique performance matrix on the face of the tester you will dramatically increase the accuracy of this fixed load tester. It also enables you to test your starter and alternator output using the pass/fail information found on the right of the voltage screen.

Q3: Why would I want to test my battery if it is still starting my bike?

A3: The reason behind any type of ongoing battery maintenance whether its charge or testing related is all about YOU. There is always the time when your battery will become worn out or you're starting / charging system will fail. With tools available from MotoBatt, ongoing maintenance is simple and it will help to find problems prior to a no-start situation and ensure that you will be able to ride when YOU want and not be held hostage by a failure. Keeping your battery on charge at all times through a simple battery maintenance lead and testing the battery periodically will help you to keep riding and out of the shop.

Q4: Can any of the testers available from MotoBatt test a discharged battery?

A4: Yes, all of the electronic testers available from MotoBatt (MBMini, MBPro and MBProPLUS) can test discharged batteries. As you might imagine when trouble arises with a no-start situation the battery is usually discharged; when testing with standard load based testers the battery must be charged to give an accurate test. Through use of an electronic type of tester you can test your discharged battery to determine if the battery is simply discharged or bad and needs to be replaced. This family of testers will also do a more invasive starting and charging system test to help spot problems before they "spot" you.

Q5: Can my battery be tested and charged through the same remote charging lead?

A5: Well...yes and no.... simple voltage testing – Yes. But for advanced testing; due to the need for very a uniform amount of resistance required on the input and output side of the test circuit, the standard charge maintenance lead cannot be used for testing anything outside of open circuit voltage.

Q6: Does MotoBatt have a Tester that prints out test results for attachment to a work order?

A6: Yes, the MotoBatt MBproPLUS is our best tester. It prints all results and tests PowerSports batteries, automotive and commercial batteries alike

Q7: What MotoBatt testers are the best Consumer based units and which are the best for Shop use?

A7: The MB-VM, MBT and MBMini are all 12V only testers and are your best for consumer testers and should be in a dealer stock. The MBPro would be a high end consumer unit (and can test 6V batteries). For a shop the MBT, MBPro and/or MBProPLUS are a must.

NOTES

Large rounded rectangular area with horizontal lines for taking notes.