

Batterymate

The world's most popular battery activator, charger and tester for motorcycle workshops



The reference in the motorcycle industry

Unique activation program for new MF-AGM batteries

Auto varied charging voltage for each individual battery

Automatic fast desulphation program

Unique, real-life load tests

The widely acclaimed PTW battery activator and true load tester.

The multi stage charge and test program is ideal for STD, AGM and GEL motorcycle batteries and includes the industry's quickest NEW activation program that will have a battery ready in 30 minutes.

The powerful recovery-desulphation mode will save even the most neglected batteries - *simply put, if BatteryMate cannot recover the battery, nothing else will!*

The true load test then determines the battery's capability to deliver starting current within 3 seconds and overall capacity within 15 seconds. 150-9 covers the complete PTW battery range, 60-3 best used on batteries up to 9Ah.

View our demos on www.batterymate.com.

BatterymATE

How it works

BatteryMates have 2 main functions: Charge and Test. Before to use either of these, one has to identify the battery's rated capacity (in Ah) by way of the far left rotary button. This determines the current intensity that will be delivered to (charge) or taken from (test) the battery. The highest possible values are 150A (test) and 9A (charge), or 60 and 3A, hence these products' suffixes.

1. CHARGE

The charge timer should also be correctly set, between 1 and 6 hours (60-3 up to 4h) according to test result (more on this later), OR on the NEW selection for new batteries.

A pair of push buttons activate either the normal, or the MF mode. The latter mode uses a higher, variable voltage in order to optimally balance any individual battery's cells for a perfect start in life. Easier-to-handle conventional batteries get a standard charging voltage.

The program's steps are: recovery (for deep discharged-sulphated batteries), main charge, absorption-cell equalisation, maintenance. The program stops when the selected time has elapsed (1/2h if NEW was selected).

2. TEST

After having made the correct selection according to battery rated capacity (see above), briefly push then release the TEST button for a 3 second test. 150-9 only: a longer push will call a 15-second test. The latter mode self-selects as soon as a charging cycle is completed.

During the test, a current is drawn from the battery, therefore simulating the cranking of an engine, proportionally to battery size. This test, also called "load test" constitutes what's closest to a real life test, a unique offer in the motorcycle sector.

A final test is highly recommended after a charge cycle, recommended before, but should NOT be done before the first, activation charge of a new battery.

This and all our chargers are protected against wrong polarity connections and spark formation, ensuring a perfectly safe operation.

Technical specifications

Recommended for starter batteries - AGM/MF, 'Conventional' Classical', and GEL	2-40Ah (BM 150-9) 2-9Ah (BM 60-3)
Output current (bulk charge)	2-9A according to selection (BM 150-9); 0.8-3.2A (BM 60-3)
Automatic desulphation stage	High voltage, varies according to battery status
Charge time limit	1-6h (BM 60-3: 4h max). NEW = 1/2h
Load test intensity	15-150A (BM 60-3: 10-60A)
Size	235 x 274 x 178 mm
Weight (packaging)	10Kg (BM 60-3: 6Kg)
Mounting	Wall bracket standard (BM 60-3: optional)
Input cable length	2m
Output cable length	1m
Operation temperature range	0°C / +40°C
Warranty	2 years



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