

+ FIRST AID FOR BATTERIES +



Optimate

3+

- 1 Automatically tests flat batteries for sulfated condition & if necessary applies a special high voltage (up to 22V) recovery action -** for a maximum two hours, limited for safety reasons. The special recovery action can restore batteries neglected up to a year or more. Battery needs to be disconnected from vehicle for this recovery program to activate.

- 2 NEW vent free enclosure**
NEW SAE weatherproof connector
NEW wall mounts included



Comes with a weatherproof permanent connector **SAE-71** and set of battery clips **SAE-74**. Optional accessories include **SAE-73** an 8ft charge cable extender, which allows the battery to be up to 15ft from charger ; **SAE-72** which allows connection to the charger through a car cigarette-lighter socket, or through 12Vdc sockets fitted to BMW & Triumph tourers ; **SAE-77** an automotive bullet adapter that allows connection to previous TecMate charger connectors.

- 3 6-stage charging program with constant current -** then constant voltage, as recommended by leading battery manufacturers for modern sealed batteries, with additional unique verification & check stages.
- 4 Recharges batteries discharged to as low as 2V even after a year of neglect.**

- 5 Interactive charging program reverts to bulk charge stage if required** - If the verification stage indicates that the battery was not in fact well charged in the bulk charge stage (can happen with well-used batteries).

- 6 Unique 30-minute timed charge verification stage ensures full charge** - even for well-used batteries with irregular charging voltage characteristics. Premature termination of the bulk charge stage may result from such irregularities. The circuit identifies this & reverts from float to bulk charge stage to correct its own program.

- 7 30-minute timed check for excessive battery self-discharge.** This test is performed automatically AFTER the charge verification stage is completed, for a real, practical diagnosis of the battery's true serviceability. According to the outcome of this test, a green LED signals « battery O.K. & ready » or a red LED signals « battery suspect or possible vehicle wiring defect ». Either way the battery is then maintained in float voltage mode until disconnected.

- 8 Complete automatic protections against every user error.** Electronic inverse polarity & short-circuit protections: no fuses to replace. Sparks suppressed even in short circuit. Battery disconnection switches off output.

- 9 Proven reliability (less than 0,3% warranty claims) & 2 years warranty.**

- 10 Endorsed & used by North American vehicle constructors**
American Honda Motor Co, American Suzuki Motor Corp,
Kawasaki Motors Corp, KTM USA, Triumph, Yamaha Motor Corporation USA.

“ CONNECT and FORGET ”

