

MK
POWERED



AccuMate[®]

6 and 12 volt automatic charger and maintainer.

AccuMate

The versatile automatic charger and maintainer for modern and classic batteries.



12V **UPPER CLEAR LED ON:** AC Power ON for 12V battery selection

6V **LOWER CLEAR LED ON:** AC Power ON for 6V battery selection

GREEN LED ON: battery charged and ready for use.

YELLOW LED ON: battery discharged but charging normally

Protected against inverse polarity connection & short circuit – No fuses!

BENEFITS

- Perfect for maintenance of stored, unused or "stand-by" batteries, even for months on end.
- Ideal for maintaining batteries in vehicles not driven regularly.
- Easy to use. Just select the charging output, 6V or 12V, according to the battery to be charged, then connect to the battery and to the mains. The rest is 100% automatic.
- Simple but comprehensive LED status indication for power on, battery voltage selection, inverse polarity connection, charging, charge completed or battery sulphated.
- Highly effective charging using advanced constant current characteristics.
- Perfect for ALL rechargeable lead-acid deep-cycle & starter batteries of all constructions: filler cap types, fully sealed, "MF" motorcycle batteries, valve-regulated (VRLA), GEL electrolyte.
- Detachable fused connection set with eyelets for fixing to battery posts allows easy application even with difficult to reach batteries. Detachable battery clamp connection set for bench charging.
- Optional connection set for battery maintenance through car cigarette lighter or DIN 12V sockets.
- Two year limited warranty.

100% SAFE AND USER-FRIENDLY

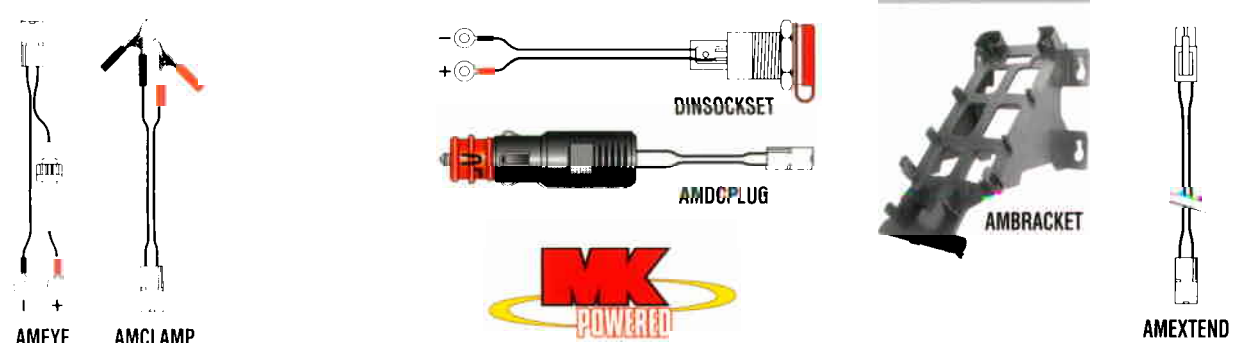
- Totally safe, even for untrained users. 100% automatic apart from initial 6 or 12 Volt battery selection.
- The automatic controlled charging parameters ensure no "boiled-dry" or other battery damage.
- No worries about wrong battery connection or accidental short-circuits. The circuit is automatically protected and there are no fuses to replace. There are no sparks even in short-circuit conditions.
- The charge current is automatically regulated according to the constantly monitored internal temperature to ensure AccuMate's temperature remains safe even in hot locations.

TECHNICAL ADVANTAGES

- The advanced "JUBU-I" (marine quality) interactive 3-stage charging program ensures a highly effective and complete charge despite the AccuMate's compact size. This is achieved as follows:
 - A 1.2 Amps effective charge current is maintained constant throughout the main charging stage for maximum charging efficiency and minimum charge time, for both 12V and 6V batteries.
 - The charging voltage is precisely monitored and when this has risen to 14.3V it is then held at this level until the current has fallen to 200mA, to ensure full charge.
 - The charging program now switches over to "float charge" stage at a voltage limit of 13.6V for correct long-term maintenance of batteries while out of service.
- Should the current drawn by the battery during maintenance "float charge" stage exceed (for any reason) 200mA, the charging program automatically reverts to the constant current charge stage until the battery is again fully charged. The device therefore additionally provides a "stand-by" function.

CONNECTION AND ACCESSORY OPTIONS

Delivered with two interchangeable connection sets, one with clamps for bench charging, the other with in-line battery protection fuse and eyelet terminals for permanent attachment to the battery posts of on-vehicle batteries for subsequent easy connection and disconnection of the charger.



MK Battery: 1645 South Sinclair Street • Anaheim, California 92806
 Toll Free 800-372-9253 • Tel 714-937-1033 • Fax 714-937-0818 • Website: www.mkbattery.com • Email: sales@mkbattery.com