

# AccuMate 6/12V

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**Automatic interactive multi-stage charger & maintainer for all 6 & 12 volt lead-acid batteries.**

-  **UPPER CLEAR LED ON :**  
AC Power ON for 12V battery selection
-  **LOWER CLEAR LED ON :**  
AC Power ON for 6V battery selection
-  **GREEN LED :**  
battery charged & ready for use
-  **YELLOW LED :**  
battery discharged but charging normally
-  Protected against inverse polarity connection & short circuit - No fuses!

select for 6 or 12V battery connect to battery, then to mains. The rest is 100% automatic.

battery posts to allow easy and quick connection/disconnection by means of a weatherproof snap-connector, to batteries remaining in place ; the other with battery clips for bench charging.

- Supplied with 2 detachable & interchangeable battery connection sets : the one with eyelets & in-line battery protection fuse, for permanent attachment to the

- Optional accessories include : a battery maintenance through car cigar-lighter or DIN 12V sockets; a wall bracket, a 2.5m output extension cable, & others, shown at [www.tecmate-int.com](http://www.tecmate-int.com).

- Simple but comprehensive LED indications for : power on / battery voltage selection; inverse polarity connection; charging; charge completed (or battery sulphated).

- Ideal for maintaining in optimal condition the batteries of non-regularly used vehicles of all types such as 'classic' oldtimers, as well as deep-cycle batteries used in stand-by power applications.

- Multi-stage charging program using constant current, then constant voltage, ensures effective charging of the battery, whether sealed (gel or AGM) or with filler caps, and the automatic float charge then perfectly maintains all types of battery.

- Absolutely safe for prolonged connection to the battery, without risk of overcharging.

- Very easy to use (and fully protected against incorrect use) : just



- Models for 220/240 Volt supply with "BS" or "Euro" plugs, or for 110/120 Volt supply with "UL" plug.

- 2 years limited warranty.

6V/12V



12V



Absorbent Glass Mat



# AccuMate 6/12V

Versatile automatic charger and maintainer  
for modern and classic batteries.

## Technical advantages

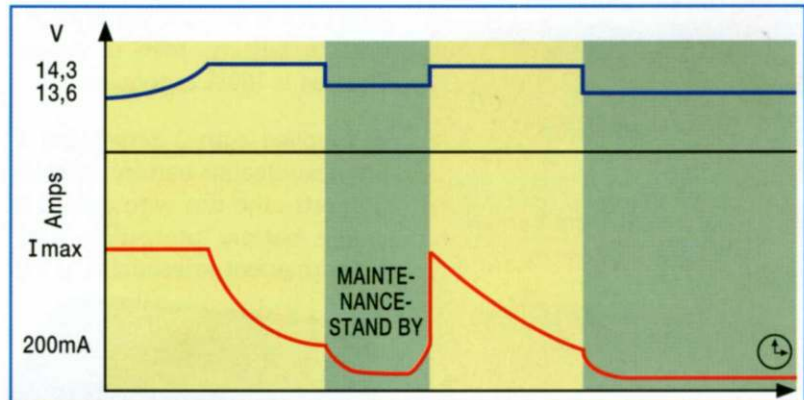
● The advanced "IUoU" (marine quality) interactive multi-stage charging programme ensures a highly effective and complete charge despite the AccuMate's compact size. This is achieved as follows :

1) **Bulk charge** : 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.



2) **Absorption stage** : 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.

3) **Maintenance mode** : the charging program now switches over to 'float charge' 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 the maintenance "float charge" stage exceed (for any reason) 200mA, the charging programme automatically reverts to the absorption stage until the battery is again fully charged. The device therefore additionally provides a 'stand-by' function.

## 100% safe and user-friendly

● Totally safe even for untrained users. 100% automatic apart from initial 6 or 12 Volt battery selection.

● The automatically controlled charging parameters ensure no 'boiled-dry' or other battery damage.

● No worries about wrong battery connection or accidental short-circuit. The circuit is

automatically protected and there are no fuses to replace. There are no sparks even in short-circuit conditions.



Optional  
Order ref. :  
AMDCPLUG.

● The charge current is automatically regulated according to the constantly monitored internal temperature to ensure AccuMate's temperature remains safe even in hot locations.

