

# AccuMate

**tecMATE**  
NORTH AMERICA

**DESIGNED FOR CRUISERS  
& TOURING MOTORCYCLES**

**FULLY AUTOMATIC CONTROL**

**1.8 A CONSTANT CURRENT**

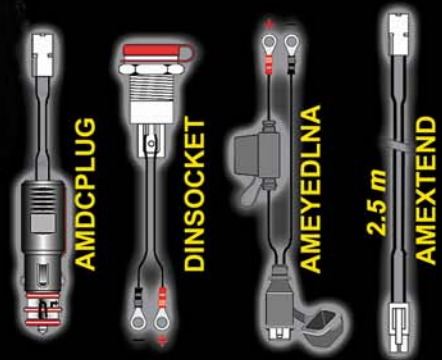
**SAFE, EFFECTIVE, SIMPLE**

**OPTIONAL CONNECTIONS**

**TWO YEAR WARRANTY**

## **RESTORATIVE 12V 1.8A 4-STAGE CHARGING SYSTEM**

- Recharges flat batteries from 2V
- Maintenance mode keeps batteries fully charged & ready to go.
- 100% safe for long term connection
- Fastest and most effective in its class



# 12 V

## Fully automatic Battery Charger

<http://www.accumate.com>

AccuMate V Program

**Program 1:**

OTHER **tecMATE** CHARGERS:  
NORTH AMERICA  
[www.smartchargers.com](http://www.smartchargers.com)

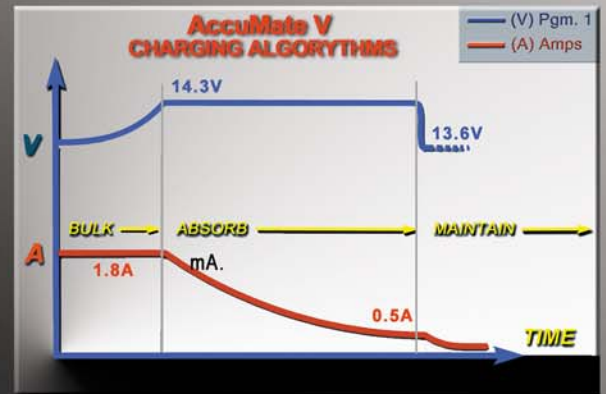
**Initialisation stage**  
- As soon as you connect, the circuit checks the battery condition for sulfation. If the battery is completely dead (under 2V) the circuit won't engage, for safety reasons.

**Bulk Charge stage**  
-If the battery retains >2V, the circuit switches on the yellow CHARGING LED and begins charging at 1.8A constant current. This continues until the battery reaches the 14.3V cut-off level (just below the vehicle's charging circuit voltage.)

**Absorption charge stage**  
- The voltage is held at a constant 14.3V to achieve a thorough plate saturation. This continues until the current drawn by the battery reduces to 0.5A (very close to a full charge). The yellow LED switches to the green LED indicating the battery, is charged and ready for use.

**Maintenance mode stage**  
- The circuit automatically limits the voltage to 13.5V offering the battery float voltage support. The unit will then top up the charge as required to keep it 100% ready to go at any time. The charger can be safely left connected for long term maintenance, keeping the battery constantly ready until required.

DEALER STAMP



- Electronic fuseless protections (against inverse polarity, short circuit & over-heating)
- Spark suppression.

- Powerful 1.8A constant current
- 4-stage charging program

- Safe effective maintenance mode for long term use.

- Automatic voltage mgmt.

- Fuse protections on:
  - 1: eyelet connection sets
  - 2: AC Input
  - 3: thermal fuse on transformer.

This charger has a 24 month warranty excluding cables, connectors, sensors & probes

- Delivered with 2 detachable connection sets.
  - One with battery clips
  - One with eyelets for permanent attachment to battery
- Extra sets and options are available.

- Recharges most flat batteries down to 2V
- Better than normal chargers.



Optional:  
Wall Mount unit