

# EPS 603 (Adapter Type)

## Lead-Acid Battery Charger

|                      |              |
|----------------------|--------------|
| Output Voltage:      | 6V/12V       |
| Amp:                 | 2.5A         |
| Mains Input Voltage: | 90/260 VAC   |
| Output Boost         | 14.7V        |
| Float                | 13.8V        |
| Weight:              | 247 grams.   |
| Adapter Type:        | Slide Switch |



### Constant Voltage Charging:

Initial charge current is held at maximum output. As battery gains charge the voltage rises towards the end-charge value while the current ramps downward to a maintenance level at full charge.



### 3-Stage Speed Charging:

#### 1. High Speed Bulk Charge

Initial charge current held at maximum output until voltage reaches set point above end-charge value. Battery attains 80% of full charge at rapid pace.

#### 2. Relaxed charge to 100% capacity

Charge current is slowly ramped down to end-charge level.

#### 3. Maintenance Charge

Voltage drops sharply to end-charge value, controlled trickle current compensates for self discharge of battery.

## HOW THE CHARGER OPERATE

**IMPORTANT!** Connect the charger to batteries before turning on. Plug in and switch on charger at the mains supply --charging should begin. NOTE RED LED power indicator is on.

When charging a flat battery, the charging indicator LED illuminates RED. After reaching approx. 80% charge, the charging LED will turn YELLOW, when 100% the LED will be GREEN.

NB A deeply discharged battery may take some time before it draws enough current to cause the LED indicator to change colour. If you are sure the battery is flat, just leave the charger connected until indication begins.

**YOU MAY LEAVE BATTERIES ON CHARGE UNTIL READY FOR USE.**

If the battery you are charging is too large for this charger, a safety timer will reduce the output voltage after 1 hour at the maximum boost voltage.

If the battery is removed from charge the output current stops immediately. To resume normal charging operation, turn charger off, reconnect and turn on.

To ensure a full charge in the shortest time and ensure the longest possible battery life, make sure all leads and connectors are clean and undamaged.