



# BATTERY CHARGER

## MULTI STAGE CHARGING SYSTEM

### 24 Volt - 3 Stage – 4 Amp Smart Battery Charger

Perfect for charging & maintaining 24v - 4wd, RV, Marine & light Commercial Batteries

The Power Train PTC24V4AL battery charger is a fully automatic 3 stage pulse battery charger designed to effectively charge and maintain all 24V conventional Calcium, GEL, and Lead antimony / AGM batteries.

The PTC24V4A battery charger uses a on board micro-chip to control its unique pulse algorithm for the charging cycle, this helps reduce the oxidation on the battery plates and evens the consistency of the electrolyte, minimises temperature whilst charging, and recovers the battery capacity and extends battery life.

This Automatic charger can remain connected to the battery without risk of overcharging, as the internal electronics will stop the charging when the battery is fully charged. Once the battery is fully charged, the charger monitors the battery voltage and continues to top up & to maintain the battery, keeping it fully charged and ready for use.

The PTC24V4AL is packaged with standard charger clips, along with an interchangeable ring terminal charging lead.



**LED DISPLAY**  
Charging Volts.  
% Of Charge.  
Chemistry.



### Features

- Heavy duty design.
- IP65 Water resistance rated.
- CE, EMC, SAA & C-Tick Approved.
- Selectable for GEL, Lead Acid / AGM and Calcium charging modes.
- Charging state LED indicators.
- Charges from Zero Volts.
- Fully automatic 3 stage charging system.
- Desulphation mode with pulses & Soft start for severely discharged batteries. Charges severely drained batteries, and can recover the capacity of a severely discharged battery.
- Maintenance stage pulse charging increases battery life and gives increased performance. The charger can be connected and left running for months, without fear of overcharging or damaging the battery.
- Reverse polarity protection, short circuit protection, overload protection, high temperature protection, overcharge protection
- Compact design with mounting holes for permanent fitting if required.

<b>Model No:</b>	<b>PTC24V4AL</b>
<b>Output Current</b>	4 Amp
<b>Output Voltage (Nom)</b>	24 Volt
<b>Input Voltage</b>	175-255VAC / 50-60Hz
<b>Battery Type Selectable</b>	Gel / Calcium / Lead Acid - AGM
<b>Charge stages</b>	3 Stages
Boost Charge	Maximum Current until preset voltage reached
Absorption	Constant voltage with automatic amperage control
Maintain / Float	Pulse to maintain maximum charge
<b>Output Voltage (Bulk)</b>	28.6V Gel / 31.2V Cal / 29.4V LA & AGM
<b>Output Voltage (Absorption)</b>	28.6V Gel / 31.2V Cal / 29.4V LA & AGM
<b>Output Voltage (Float)</b>	26.6V Gel / 27.4V Cal / 27.4V LA & AGM
<b>Battery Range (Charge)</b>	Up to 350CCA or 80A/h
<b>Battery Range (Maintain)</b>	Up to 700CCA or 150A/h

Available from

