



## 6V/12V/24V Multi Stage Battery Charging System

PTC20/30/40AL

The Power Train PTC20AL, PTC30AL and PTC40AL Battery Chargers with automatic charging voltage selection and DC power supply are designed to effectively charge all automotive and industrial type batteries. Manufactured to the latest design parameters and highest quality levels, they incorporate a unique micro-processor controlled Seven Stage Pulse Charging system, which intelligently assesses battery condition and size, to make battery charging much safer, much more effective - and thus prolong battery life. They are ideal for Automotive, Motorhome and Marine applications, to ensure the correct, safest and BEST method of charging a high capacity 6V/12V/24V battery bank or individual batteries.



### Features:

- Zero volt minimum start and old battery sulphation repair
- Automatically selects 6V, 12V, or 24V charging depending on battery connected
- Optimally designed charging cycle designed for Lead Acid, SLA, AGM, Gel, Deep cycle and calcium batteries
- Short circuit, reverse polarity, overcharge, over temperature, overload protection
- Bright and clear LED screen display
- Complete 7 stage charging cycle for a safe charging process
- Clear voice prompts for easier use
- Offers 13.5V continuous DC power supply (20A, 30A, 40A) includes short circuit, overload protection

### TECHNICAL SPECIFICATIONS

Model No:	PTC20AL	PTC30AL	PTC40AL
Type:	7 Stage Battery Charger	7 Stage Battery Charger	7 Stage Battery Charger
Input voltage:	AC 175 - 255V / 50 - 60 Hz	AC 175 - 255V / 50 - 60 Hz	AC 175 - 255V / 50 - 60 Hz
Output Current:	20A	30A	40A
Output Voltage:	6V/12V/24V and 13.5V DC	6V/12V/24V and 13.5V DC	6V/12V/24V and 13.5V DC
Rechargeable Battery type:	Gel, Lead Acid, AGM, Calcium	Gel, Lead Acid, AGM, Calcium	Gel, Lead Acid, AGM, Calcium
Chargeable Battery Type:	17A/H to 300A/H	17A/H to 400A/H	17A/H to 600A/H
Working Temperature:	-15°C to 55°C	-15°C to 55°C	-15°C to 55°C
Start Voltage:	0 V	0 V	0 V

#### Safety Protection:

Short Circuit Protection; Reverse Connection Protection; Overload and Over Temperature Protection.

**NOT TO BE USED ON LITHIUM OR DRY CELL BATTERY TYPES**