

# Multi-Stage 12V 4A Smart Battery Charger

PTC12V4A

The PTC-12V4A fully automatic 7 stage smart battery charger is designed to effectively charge most 12V automotive battery types including lead acid, calcium, maintenance free, Gel and AGM. They are manufactured to the latest design parameters and highest quality levels. There are no buttons to decipher - the specially designed microprocessor charging system automatically selects the correct current setting and output voltage for the size and type of the battery, greatly assisting prolonged battery life.



## Features

- Fully automatic 7 stage charging system.
- Button-less automatic battery chemistry selection, suitable for GEL, LEAD ACID, AGM, and Maintenance Free Calcium types of automotive batteries. This charger is NOT suitable for Lithium type batteries. Do not attempt to recharge dry cell batteries.
- 12V automatic voltage selection and charging function. Red LED will indicate charging, green LED will indicate 12V charging.
- LED Battery Level test function. Prior to switching on mains power, the connected battery charger will illuminate the connected battery charge level for quick identification if charging is required.
- Zero volt start up, enabling recovery and charging of a completely deep discharged battery
- Internal short circuit, reverse connection, over temperature, overload and over voltage protection
- Supplied with alligator clamps and ring terminals for fixed connection.

Specifications:	
Working voltage	240VAC 50/60 Hz
Charging output voltage	12V
Maximum charging current	4Amp
Minimum start voltage	Zero Volt
Charging type	7 stage charge system