

### CHARGER SPECIFICATIONS

<b>Model No:</b> PC-150D
<b>DC Input Range:</b> 11 VDC to 15 VDC
<b>Battery Charge Voltage:</b> 6 VDC, 12 VDC & 24 VDC (factory set)
<b>Battery Charge Current:</b> • 0.2 to 2.0 Amps at 6 VDC & 12 VDC (factory set) • 0.2 to 1.5 Amps at 24 VDC (factory set)
<b>Charger Power Out:</b> 50 Watts maximum
<b>Battery Connection:</b> See compatible cable accessories
<b>Led Indicators:</b> • Solid green LED - No battery connected, charger on • Solid yellow LED – Charging • Solid green LED – Battery connected, float charge mode • Solid red LED – Battery VDC less than 5.0VDC or connected in reverse
<b>Weight:</b> 1.7 lbs. (0.75 Kg)
<b>Dimensions:</b> 5" x 3 1/2" x 2 1/2" H (13cm x 9cm x 6.5cm)
<b>Mounting:</b> 4 each #6 screws
<b>Recommended Battery Charging Temp:</b> 10° C to +27° C (50°F to +80°F)
<b>Operating Temp:</b> 0° C to +50° C (32°F to +122°F)
<b>Storage Temp:</b> -40° C to +70° C (-40°F to +158°F)
<b>Humidity:</b> 95% relative
<b>Color:</b> Black, anodized
<b>Exterior Housing:</b> Extruded aluminum body, polycarbonate end caps
<b>Harmonized Tariff Code:</b> 8504.40.9550

### TYPICAL APPLICATIONS

- Charges Lead Acid batteries
- Optimally designed for batteries up to 25 Ampere Hours
- For use with intermittently used vehicle batteries

### KEY FEATURES

- DC Input
- Temperature compensation
- Three stage charger
- LED displays for charging status
- Single battery charger
- Unattended charging

### OPERATIONAL CHARACTERISTICS

- Three stages of operation
  - **Bulk charge mode** – replaces 80% of the charge to the battery from a discharged state – 6 hour time limit
  - **Absorption mode** – a tapering current replacing the final 20% of the charge to the battery – end current is a pre-programmed value
  - **Float mode** – maintains the battery's float voltage.

### COMPATIBLE CABLE ACCESSORIES

- **4005** Marine Polarized
- **4010** Motorcycle Ring
- **4020** Battery Clips
- **4030** Cigarette, Lighter Out

### CHARGES THE FOLLOWING BATTERIES

- Flooded/wet lead acid batteries
- Valve Regulated Lead Acid (VRLA) batteries
- GEL lead acid batteries

### CHARGER PART NUMBER DETERMINATION

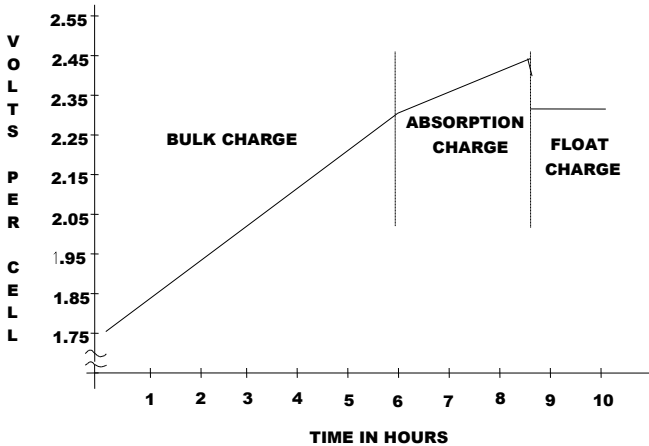
- The PC-150D specific part number can be configured and ordered using the following
  - **PC-150D-N/M**
  - Where **N** is the nominal battery voltage
  - Where **M** is the initial charge current in Amps

### OPERATING SPECIFICATIONS

Model No.	PC-150D-6/750	PC-150D-6	PC-150D-12/250	PC-150D-12/750	PC-150-12	PC-150-24	PC-150D-24/1.5
<b>Bulk Charge Current</b>	0.8 Amps	2.0 Amps	0.3 Amps	0.8 Amps	1.5 Amps	1.0 Amps	1.5 Amps
<b>Bulk charge Voltage Range</b>	5.0 to 7.0 VDC	5.0 to 7.0 VDC	10.0 to 14.0 VDC	10.0 to 14.0 VDC	10.0 to 14.0 VDC	20.0 to 28.0 VDC	20.0 to 28.0 VDC
<b>Absorption Mode Current</b>	0.75 to 0.25 Amps	2.0 to 0.5 Amps	0.25 to 0.1 Amps	0.75 to 0.25 Amps	1.5 to 0.5 Amps	1.0 to 0.25 Amps	1.5 to 0.5 Amps
<b>Absorption Mode Voltage Range</b>	7.0 to 7.5 VDC	7.0 to 7.5 VDC	14.0 to 14.5 VDC	14.0 to 14.5 VDC	14.0 to 14.5 VDC	28.0 to 29 VDC	28.0 to 29 VDC
<b>Float Voltage</b>	7.0 VDC	7.0 VDC	14.0 VDC	14.0 VDC	14.0 VDC	28.0 VDC	28.0 VDC
<b>DC Input Range</b>	11 to 15 VDC	11 to 15 VDC	11 to 15 VDC	11 to 15 VDC	11 to 15 VDC	11 to 15 VDC	11 to 15 VDC
<b>Charger Power Out</b>	6 Watts	15 Watts	5 Watts	12 Watts	22 Watts	30 Watts	45 Watts

\* Other Configurations Available

**TYPICAL VOLTAGE CURVE**



**TYPICAL CURRENT CURVE**

