

CHARGER SPECIFICATIONS

Model No: PC-150D-24
DC Input Range: 11 VDC to 15 VDC
Battery Charge Voltage: <ul style="list-style-type: none"> • Bulk charge voltage range: 20.0 to 28.0 VDC (1.66 to 2.33 VPC) • Absorption mode voltage range: 28.0 to 29 VDC (2.33 to 2.41 VPC) • Float mode voltage: 28.0 VDC (2.33 VPC)
Battery Charge Current: <ul style="list-style-type: none"> • Bulk charge current: 1.0 Amps • Absorption mode current: 1.0 to 0.25 Amps
Power In: 30 Watts
Battery Connection: See compatible cable accessories
Led Indicators: <ul style="list-style-type: none"> • 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
Weight: 1.7 lbs. (0.75 Kg)
Dimensions: 5" x 3 1/2" x 2 1/2" H (13cm x 9cm x 6.5cm)
Mounting: 4 each #6 screws
Recommended Battery Charging Temp: 10° C to +27° C (50°F to +80°F)
Operating Temp: 0° C to +50° C (32°F to +122°F)
Storage Temp: -40° C to +70° C (-40°F to +158°F)
Humidity: 95% relative
Color: Black, anodized
Exterior Housing: Extruded aluminum body, polycarbonate end caps
Harmonized Tariff Code: 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.

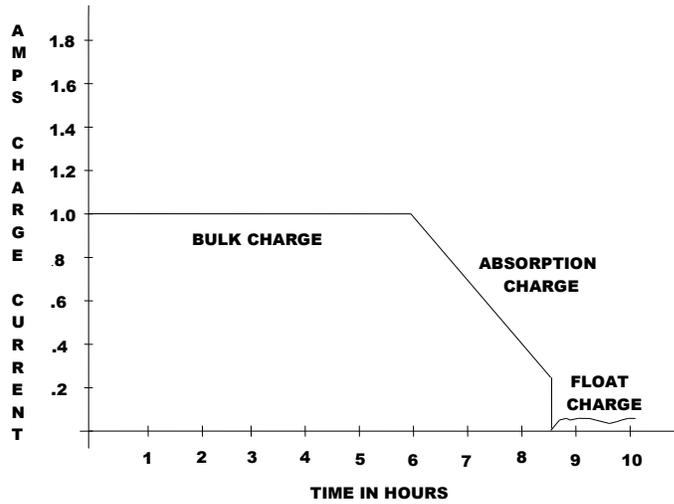
COMPATIBLE CABLE ACCESSORIES

- **4005** Marine Polarized
- **4010** Motorcycle Ring
- **4020** Battery Clips
- **4030** Cigarette, Lighter Out
- **4035** Cigarette, Lighter In

CHARGES THE FOLLOWING BATTERIES

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

CURRENT CURVE



VOLTAGE CURVE

