

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

CHARGER SPECIFICATIONS

Model No: PC-150D-12

DC Input Range: 11 VDC to 15 VDC

Battery Charge Voltage:

- Bulk charge voltage range: 10.0 to 14.0 VDC (1.66 to 2.33 VPC)
- Absorption mode voltage range: 14.0 to 14.5 VDC (2.33 to 2.41 VPC)
- Float mode voltage: 14.0 VDC (2.33 VPC)

Battery Charge Current:

- Bulk charge current: 1.5 Amps
- Absorption mode current: 1.5 to 0.5 Amps

Charger Power Out: 22 Watts

Battery Connection: See compatible cable accessories

Led Indicators:

- 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

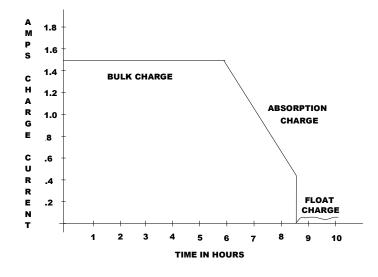
CHARGES THE FOLLOWING BATTERIES

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

PATCO Electronics | division of Creating Technology Solutions, LLC 5250 140th Avenue North | Clearwater | Florida | 33760 Tel 727-914-3001 | Fax 727-914-3342 | <u>www.patcoelectronics.com</u> | PATCO CAGE Code: 03UN7 Minority Owned, Woman Owned, Small Business, WOSB/EDWOSB Certified ©2013-2017 Creating Technology Solutions | **All information subject to change without notice** | May 2017 | R-02 The information contained herein is for reference only and does not constitute a warranty of performance **ISO 9001:2008**

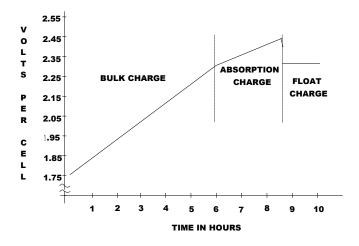






CURRENT CURVE

VOLTAGE CURVE



PATCO Electronics | division of Creating Technology Solutions, LLC 5250 140th Avenue North | Clearwater | Florida | 33760 Tel 727-914-3001 | Fax 727-914-3342 | <u>www.patcoelectronics.com</u> | PATCO CAGE Code: 03UN7 <u>Minority Owned, Woman Owned, Small Business, WOSB/EDWOSB Certified</u> ©2013-2017 Creating Technology Solutions | All information subject to change without notice | May 2017 | R-02 The information contained herein is for reference only and does not constitute a warranty of performance ISO 9001:2008

