



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



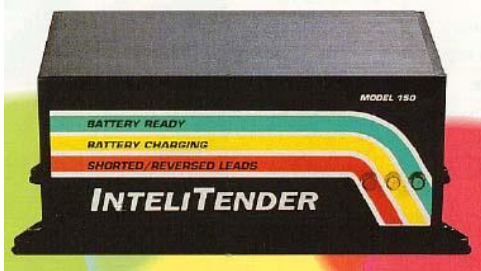
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TYPICAL APPLICATIONS

- 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

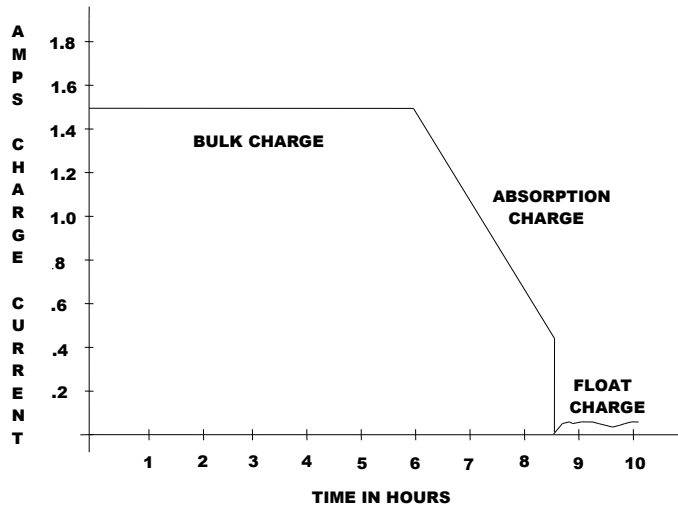
CHARGER SPECIFICATIONS

Model No: PC-150D-24/1.5
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: 1.5 Amps • Absorption mode current: 1.5 to 0.5 Amps
Charger Power Out: 45 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

CHARGES THE FOLLOWING BATTERIES

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

CURRENT CURVE



VOLTAGE CURVE

