



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!



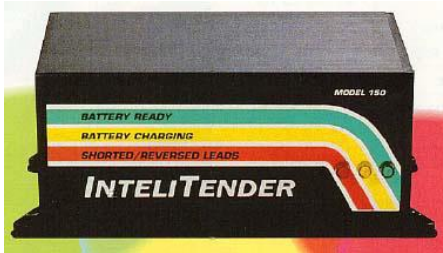
## Contact us

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### CHARGER SPECIFICATIONS

<b>Model No:</b> PC-150-6
<b>AC Input Range:</b> 110 VAC to 130 VAC; 60Hz
<b>AC Input Power Cable Length:</b> 70 " (178cm)
<b>Battery Charge Voltage:</b> <ul style="list-style-type: none"> <li>• Bulk charge voltage range: 5.0 to 7.0 VDC (1.66 to 2.33 VPC)</li> <li>• Absorption mode voltage range: 7.0 to 7.25 VDC (2.33 to 2.41 VPC)</li> <li>• Float mode voltage: 7.0 VDC (2.33 VPC)</li> </ul>
<b>Battery Charge Current:</b> <ul style="list-style-type: none"> <li>• Bulk charge current: 2.0 Amps</li> <li>• Absorption mode current: 2.0 to 0.5 Amps</li> </ul>
<b>Charger Power Out:</b> 15 Watts
<b>Battery Connection:</b> See compatible cable accessories
<b>Output Cable &amp; Connector:</b>
<b>Cable:</b> 18" (46cm) long cable with 2-pin Molex connector; Pin 1: (+); Pin 2: (-)
<b>Connector:</b> Molex 03-09-2022; <b>Pin:</b> Molex 03-09-2103
<b>Mating Connector:</b> Molex 03-09-1022; <b>Mating Pin:</b> Molex 03-09-1104
<b>Led Indicators:</b> <ul style="list-style-type: none"> <li>• Solid green LED - No battery connected, charger on</li> <li>• Solid yellow LED – Charging</li> <li>• Solid green LED – Battery connected, float charge mode</li> <li>• Solid red LED – Battery VDC less than 5.0VDC or connected in reverse</li> </ul>
<b>Weight:</b> 2.7 lbs. (1.2 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 Lead Acid Battery Charging Temp Range:</b> 10° C to +27° C (50°F to +80°F); <i>Temperature Compensation Required</i>
<b>Charger Operating Temp:</b> 0°C to +50°C (32°F to +122°F)
<b>Charger 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

### KEY FEATURES

- 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.

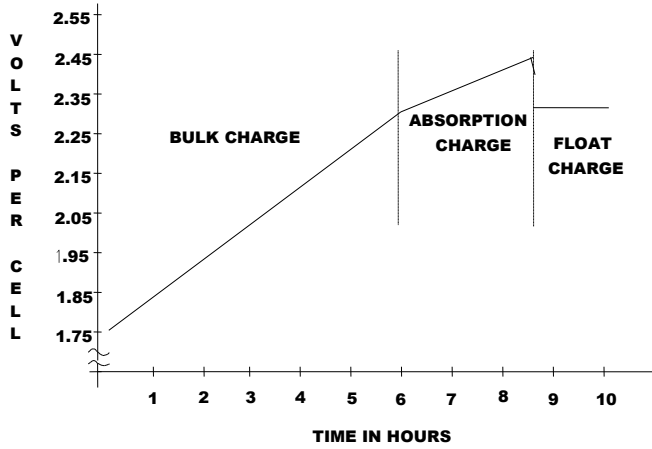
### COMPATIBLE CABLE ACCESSORIES

- **00-240031-01** Marine Polarized (4005)
- **00-240031-02** Motorcycle Ring (4010)
- **00-240031-03** Battery Clips (4020)
- **00-240031-04** Cigarette, Lighter Out (4030)

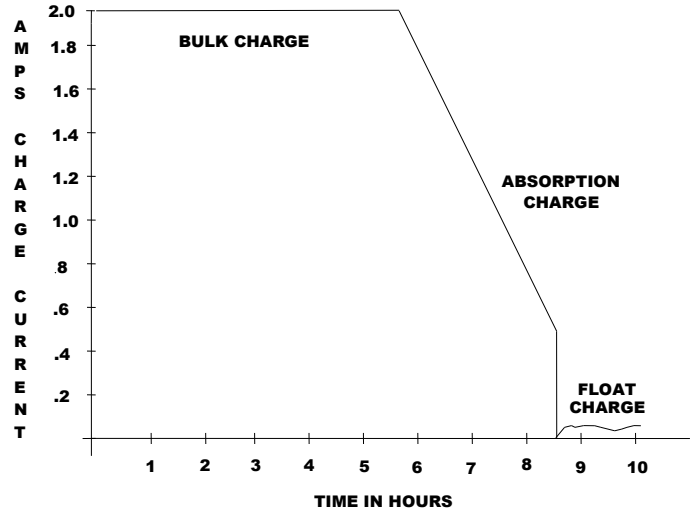
### CHARGES THE FOLLOWING BATTERIES

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

### TYPICAL VOLTAGE CURVE



### TYPICAL CURRENT CURVE



### CHARGER DRAWING

