



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

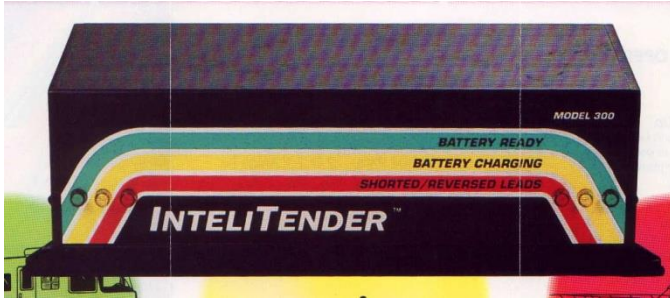
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## DUAL OUTPUT



### TYPICAL APPLICATIONS

- Charges Lead Acid batteries
- Optimally designed for batteries up to 25 Ampere Hours

### KEY FEATURES

- Temperature compensation
- Three stage charger
- Dual LED displays for charging status
- Dual battery charger
- Dual independent battery charging
- Output can be combined in parallel
- 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

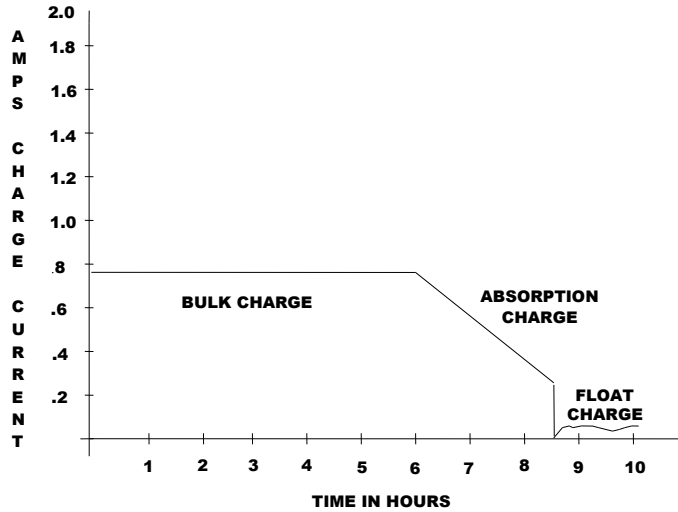
### CHARGER SPECIFICATIONS

<b>Model No:</b> PC-300-12/750-110
<b>AC Input Range:</b> 110 VAC to 130 VAC; 60Hz
<b>Battery Charge Voltage (per output):</b> <ul style="list-style-type: none"> <li>• Bulk charge voltage range: 10.0 to 14.0 VDC (1.66 to 2.33 VPC)</li> <li>• Absorption mode voltage range: 14.0 to 14.50 VDC (2.33 to 2.41 VPC)</li> <li>• Float mode voltage: 13.8 VDC (2.30 VPC)</li> </ul>
<b>Battery Charge Current (per output):</b> <ul style="list-style-type: none"> <li>• Bulk charge current: 0.75 Amps</li> <li>• Absorption mode current: 0.70 to 0.25 Amps</li> </ul>
<b>Charger Power Out (per output):</b> 12 Watts
<b>Battery Connection:</b> See compatible cable accessories
<b>Led Indicators (per output):</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> 4.2 lbs. (1.9 Kg)
<b>Dimensions:</b> 7" 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

### CHARGES THE FOLLOWING BATTERIES

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

### CURRENT CURVE



### VOLTAGE CURVE

