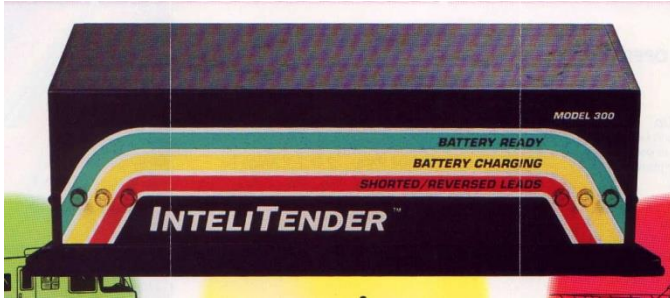


## DUAL OUTPUT



### 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

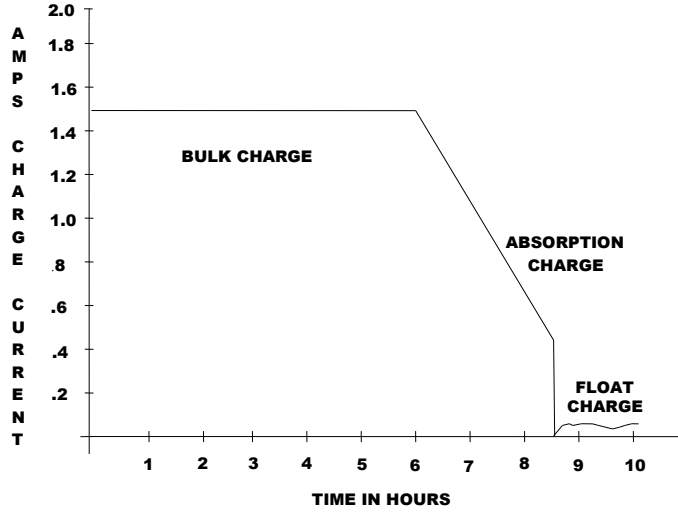
### CHARGER SPECIFICATIONS

|   |
|---|
| <b>Model No:</b> PC-300-24/1.5-110  |
| <b>AC Input Range:</b> 220 VAC; 60Hz  |
| <b>Battery Charge Voltage (per output):</b> <ul style="list-style-type: none"> <li>• Bulk charge voltage range: 20.0 to 28.0 VDC (1.66 to 2.33 VPC)</li> <li>• Absorption mode voltage range: 28.0 to 29 VDC (2.33 to 2.41 VPC)</li> <li>• Float mode voltage: 27.6 VDC (2.30 VPC)</li> </ul>                                       |
| <b>Battery Charge Current (per output):</b> <ul style="list-style-type: none"> <li>• Bulk charge current: 1.5 Amps</li> <li>• Absorption mode current: 1.5 to 0.5 Amps</li> </ul>   |
| <b>Charger Power Out (per output):</b> 45 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><br>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

