

# 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

Model No: PC-300-24-220

AC Input Range: 220 VAC; 60Hz

#### **Battery Charge Voltage (per output):**

- 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: 27.6 VDC (2.30 VPC)

#### Battery Charge Current (per output):

- Bulk charge current: 1.0 Amps
- Absorption mode current: 1.0 to 0.25 Amps

#### Charger Power Out (per output): 30 Watts

Battery Connection: See compatible cable accessories

#### Led Indicators (per output):

- 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: 4.2 lbs. (1.9 Kg)

Dimensions: 7" 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

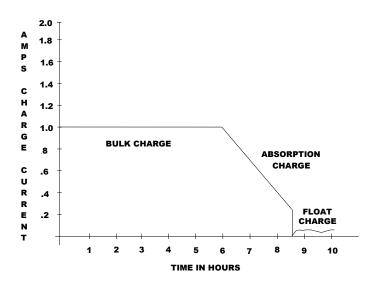
## **CHARGES THE FOLLOWING BATTERIES**

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

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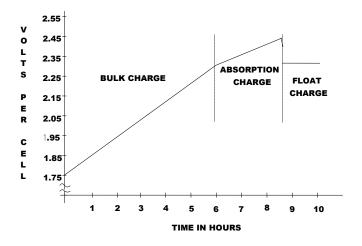






## **CURRENT CURVE**

## **VOLTAGE CURVE**



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