CH1812 / CH1824

Floor Standing Automatic Battery Charger 20Amp

Features

- Low ripple voltage (below +/-3%)
- Float / equalize charge mode
- Adjustable equalize charging time
- Voltage detector and over voltage protection
- No current drain when input power is off
- Set any charge current up to 20Amp with over current protection
- Selectable 110/220Vac input



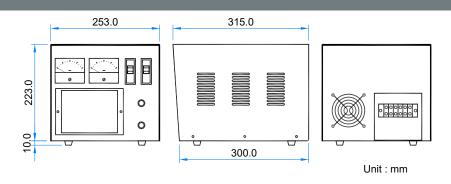
| Specifications | | | |
|---|--|--|--|
| Power Input | Float Charge Voltage Range | | |
| Voltage 110/220 Vac +/-10% 1 phase (selectable) | 12 Vdc 13.0 to 14.5 Vdc (adjustable) | | |
| Frequency 50/60 Hz +/-5% | 24 Vdc 25.8 to 28.0 Vdc (adjustable) | | |
| Equalize Charge Output Voltage | Protection Short circuit, over current, charge fail alarm, over voltage, | | |
| CH1812 Charge 12 Vdc battery at 14.5 Vdc | no current drain when input power is off | | |
| CH1824 Charge 24 Vdc battery at 28.8 Vdc | Output Current Range 0.5 to 20.0 Adc | | |
| Float Charge Output Voltage | Voltage Regulation Less than +/-1% | | |
| CH1812 Charge 12 Vdc battery at 13.8 Vdc | Equalize Charging Time 6, 12, 24 hours setting | | |
| CH1824 Charge 24 Vdc battery at 27.6 Vdc | Charge Mode Float charge and equalize charge | | |
| Equalize Charge Voltage Range | Cooling Forced fan cooling | | |
| 12 Vdc 13.5 to 16.0 Vdc (adjustable) | Efficiency More than 80% @ full load | | |
| 24 Vdc 27.0 to 31.0 Vdc (adjustable) | Ripple +/-3% | | |

| Environment | | Physical Specifications | |
|-----------------------|---------------|-------------------------|--------------------------------------|
| Operating Temperature | -20 to +60 °C | Dimensions | 315.0 (L) x 253.0 (W) x 233.0 (H) mm |
| Storage Temperature | -20 to +40 °C | Weight | CH1812 15.6 Kg +/-2% |
| Relative Humidity | Max. 90% | | CH1824 21.0 Kg +/-2% |

Front View and Illustrations

- DC Voltage Meter
 - Equalize Charge LED
- DC Current Meter
- Float Charge LED
- Adjustable Equalize Charge Current
- Adjustable Float Charge Current
- Adjustable Charge Voltage
- Input Power MCCB
- Output Power MCCB
- Output Terminal (+)/(-)

Dimensions





ISO 9001