

CH1812

CH1824

Automatic Battery Charger

Portable 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 20 Amp with Over Current Protection
- Selectable 110 / 220 VAC Input



Specifications

AC Input Power	Voltage 1 Phase 100 / 220 VAC ± 10% Frequency 50 / 60 Hz ± 5%	Charge Mode	Float charge and equalize charge
Equalize Charge Output Voltage	CH1812 Charge 12 VDC Battery at 14.5 CH1824 Charge 24 VDC Battery at 28.8	Cooling	Forced Fan Cooling
Float Charge Output Voltage	CH1812 Charge 12 VDC Battery at 13.8 CH1824 Charge 24 VDC Battery at 27.6	Efficiency	>80% @ Full load
Equalize Charge Voltage Range	12 VDC 13.5VDC ~ 16.0VDC Adjustment 24 VDC 27.0VDC ~ 31.0VDC Adjustment	Ripple	±3%
Float Charge Voltage Range	12 VDC 13.0VDC ~ 14.5VDC Adjustment 24 VDC 25.8VDC ~ 28.0VDC Adjustment	Protection	Short circuit, over current, over voltage, no current drain when input power is off
Output Current Range	0.5 ADC ~ 20.0 ADC	Dimension	315 (L) x 250 (W) x 230 (H) mm
Voltage Regulation	< ±1%	Weight	CH1812 15.6 Kg ± 2% CH1824 21.0 Kg ± 2%
Equalize Charging Time	6、12、24 Hours setting	Operation Temp.	-10 ~ 40 °C
		Storage Temp.	-20 ~ 40 °C
		Relative Humidity	< 90 %

Front View and Illustrations

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

Mechanical Specifications

