

CH1712 / CH1724

Wall Mountable Automatic Battery Charger 20Amp

Features

- Low Ripple Voltage (Below $\pm 3\%$)
- 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 110/220 VAC $\pm 10\%$

Frequency 50/60 Hz $\pm 5\%$

Equalize Charge Output Voltage

CH1712 Charge 12 VDC Battery at 14.5 VDC

CH1724 Charge 24 VDC Battery at 28.8 VDC

Float Charge Output Voltage

CH1712 Charge 12 VDC Battery at 13.8 VDC

CH1724 Charge 24 VDC Battery at 27.6 VDC

Equalize Charge Voltage Range

12 VDC 13.5 VDC ~ 16.0 VDC (Adjustment)

24 VDC 27.0 VDC ~ 31.0 VDC (Adjustment)

Float Charge Voltage Range

12 VDC 13.0 VDC ~ 14.5 VDC (Adjustment)

24 VDC 25.8 VDC ~ 28.0 VDC (Adjustment)

Protection

Short circuit, over current, charge fail alarm, over voltage no current drain when input power is off

Output Current Range

0.5 ADC ~ 20.0 ADC

Voltage Regulation

$< \pm 1\%$

Equalize Charging Time

6, 12, 24 Hours setting

Charge Mode

Float charge and equalize charge

Cooling

Forced Fan Cooling

Efficiency

$> 80\%$ @ Full load

Ripple

$\pm 3\%$

Operation Temperature

$-10 \sim 40^\circ\text{C}$

Storage Temperature

$-20 \sim 40^\circ\text{C}$

Relative Humidity

Maximum 90%

Dimensions

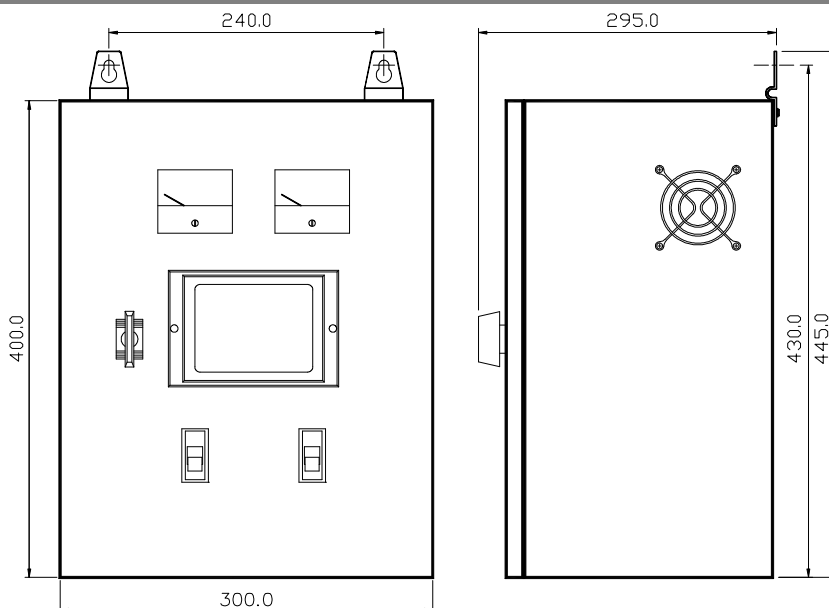
400.0 (L) x 300.0 (W) x 295.0 (H) mm

Weight

CH1712 24.6 Kg $\pm 2\%$

CH1724 30.0 Kg $\pm 2\%$

Mechanical Specifications (Unit : mm)



Front View and Illustrations

- DC Voltage Meter
- DC Current Meter
- Power LED
- Float Charge LED
- Equalize Charge LED
- Equalize Charge Setting Button
- Input Power MCCB
- Output Power MCCB
- Adjustable Equalize Voltage
- Adjustable Charge Voltage
- Adjustable Float Charge Current

