

CH1712 / CH1724

Wall Mountable 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

Voltage 110/220 Vac +/-10% 1 phase (selectable)

Frequency 50/60 Hz +/-5%

Float Charge Voltage Range

12 Vdc 13.0 to 14.5 Vdc (adjustable)

24 Vdc 25.8 to 28.0 Vdc (adjustable)

Equalize Charge Output Voltage

CH1712 Charge 12 Vdc battery at 14.5 Vdc

CH1724 Charge 24 Vdc battery at 28.8 Vdc

Protection

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

Float Charge Output Voltage

CH1712 Charge 12 Vdc battery at 13.8 Vdc

CH1724 Charge 24 Vdc battery at 27.6 Vdc

Output Current Range

0.5 to 20.0 Adc

Voltage Regulation

Less than +/-1%

Equalize Charging Time

6, 12, 24 hours setting

Charge Mode

Float charge and equalize charge

Equalize Charge Voltage Range

12 Vdc 13.5 to 16.0 Vdc (adjustable)

24 Vdc 27.0 to 31.0 Vdc (adjustable)

Cooling

Forced fan cooling

Efficiency

More than 80% @ full load

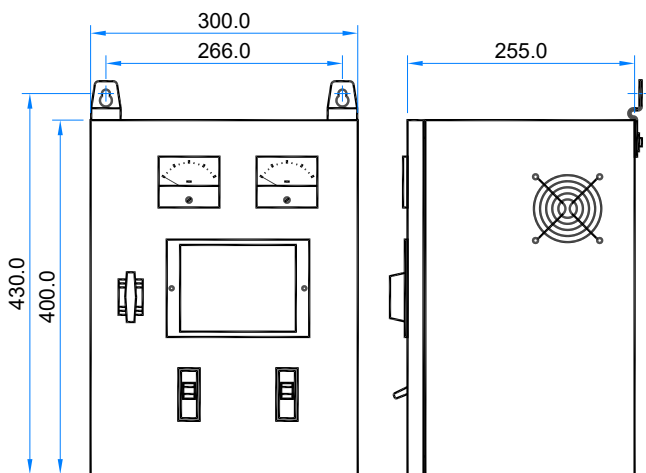
Ripple

+/-3%

Front View and Illustrations

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

Dimensions



Unit : mm

Environment

Operating Temperature -20 to +60 °C

Storage Temperature -20 to +40 °C

Relative Humidity Max. 90%

Physical Specifications

Dimensions 400.0 (L) x 300.0 (W) x 255.0 (H) mm

Weight CH1712 24.6 Kg +/-2%

CH1724 30.0 Kg +/-2%



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