

CH5612 / CH5624

Automatic Battery Charger

Wide Input Range 100 to 265 Vac

Features

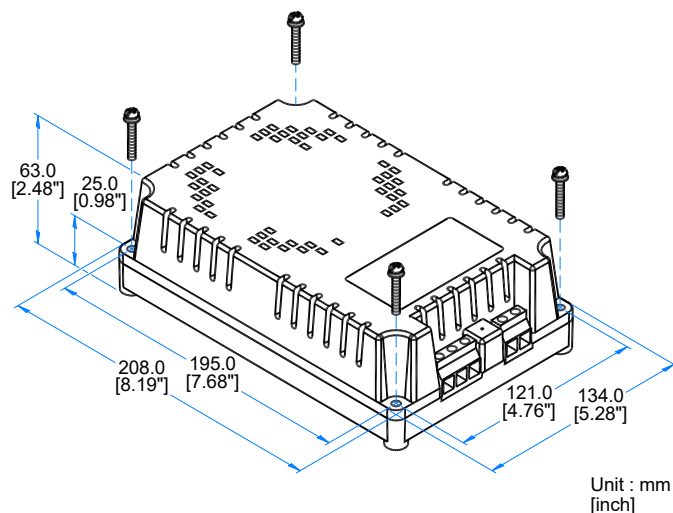
- Automatic charging under all conditions
- Current limiting, constant voltage float charge mode that avoids over-charging
- DC charging current and voltage display
- Automatically reduce output proportionally when overheat
- Short circuit & reverse polarity protection
- DC output Over/Under Voltage protection
- DC output Over Current protection
- AC input Over Voltage protection
- "Force Charge Button" for resume to normal charge from a low residual voltage condition
- Built-in AC power input micro fuse protection
- Panel Mount



Specifications

| | | | | |
|---------------------------------|--|------------------------|--------------------|--|
| Power Input | Voltage | 100 to 265 Vac | Protection | Reverse polarity and short circuit protections |
| | Frequency | 47 to 63 Hz | | DC output Over/Under Voltage protections |
| | Current | CH5612 2A CH5624 2A | | DC output Over Current protection AC input Over Voltage protection |
| DC Output | CH5612 | 13.8 Vdc 12A Max. | Environment | Temperature sensor failure protection |
| | CH5624 | 27.6 Vdc 6A Max. | | Operation Temperature -20 to +50 °C Storage Temperature -30 to +80 °C |
| DC Voltage Regulation | Less than +/-1% | | Relative Humidity | Max. 90% |
| Charge Mode | Float (Current limiting, constant voltage) | | Vibration | 5.0 Gs @ 60 Hz |
| Protection Fuse Spec. | Slow blow 5A 300V | | Dimensions | 208.0 (L) x 134.0 (W) x 63.0 (H) mm 8.19 (L) x 5.28 (W) x 2.48 (H) inch |
| Efficiency | More than 88% @ full load | | | Weight |
| Static Power Consumption | Max 3.5W @ 110 Vac | | | |
| | Max 4.5W @ 220 Vac | | | |
| Suitable Battery Type | Gel, Lead Acid & AGM | | | |

Dimensions



Display & External Wiring

