

# CH4612 / CH4624

Automatic Battery Charger  
Wide Input Range 100 to 277 Vac



## Features

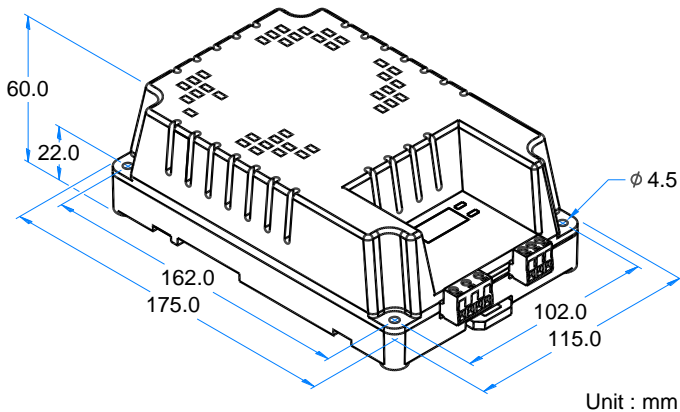
- UL1236 listed Intelligent switch mode battery charger
- Automatic charging under all conditions
- Elevated ambient temperature will automatically reduce output power
- Low battery voltage monitor with solid state battery negative alarm output
- Charging current and voltage display
- Short circuit & reverse polarity protections
- No current drain when input power is off
- Built-in AC power input micro fuse protection
- Panel Mount or DIN Rail

## Specifications

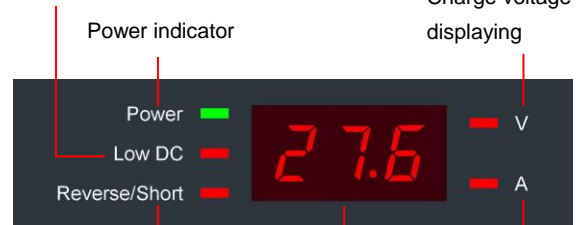
<b>Power Input</b>	Voltage	100-277 Vac	<b>Efficiency</b>	> 80% @ Full load	
	Frequency	47-63 Hz		<b>Protection</b>	Constant output voltage, limited charge current
	Current	CH4612 1.6A / CH4624 1.8A			Reverse polarity and short circuit protections
<b>DC Output</b>	CH4612	13.8 Vdc, 5A Max.	<b>Environment</b>	Operation Temperature -20 to +60 °C	
	CH4624	27.6 Vdc, 3A Max.		Storage Temperature -30 to +80 °C	
<b>DC Voltage Regulation</b>	< +/-1%		Relative Humidity	Max. 90%	
<b>Charge Mode</b>	Float		Vibration	5.0Gs @ 60 Hz	
<b>Alarm Output Capacity</b>	0.5A @ 40 Vdc		<b>Dimension</b>	175.0 (L) x 115.0 (W) x 60.0 (H) mm	
<b>Suitable Battery Type</b>	Gel, Lead Acid & AGM			7" (L) x 4.5" (W) x 2.4" (H)	
			<b>Weight</b>	0.52 Kg (1.15 Lbs) +/-2%	

## Mechanical Specifications

## Display & Alarm Indicators



Low battery volt alarm

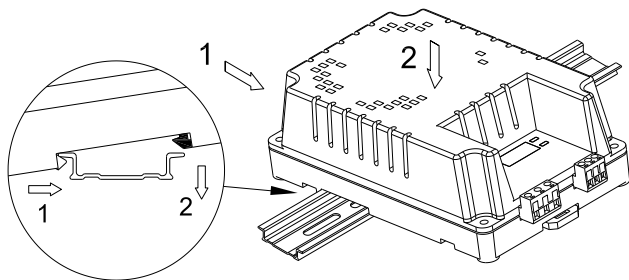


Reverse polarity or short circuit alarm

Charge voltage & Current reading

## DIN-RAIL Assembly Instructions

Charger Installation



Dismount Charger

