



Charging Controller

Product Data Guide

General :

Powered by AC or a Solar Panel

Control Battery charging voltage & Control load power-on

Temp. range : -10°C ~ 60°C

Package : 50mm x 40mm x 80mm

Mounting : din mount plate, 8 pins socket, 20mm

Wiring connections :

- 2 - AC power supply
- 2 - Solar panel
- 2 - 12v DC battery charging
- 2 - load

Easy wiring connections at the mount socket

Electrical : AC power supply, 110v ~ 240v
Can operate the load directly, without battery
12v DC charging battery

- Max. charging current 5A (from solar panel), protected
- Max. load current 5A (from battery), protected
- Max. current from AC power supply 2A

Controller threshold voltage, dependence on battery voltage :

While voltage increase - 12v, battery charge, load connect
14.1v - battery charging disconnect,
load connect

While voltage decrease - 13v, battery charge, load connect
10.5v, battery charge, load disconnect

LEDs light : Red - power connect (AC or solar panel or battery)
Green - battery fully charge, above 14.1v
Blue - load connect, battery voltage above 10.5v
