

Alvolta 150/60 Rugged MPPT Solar Controller

AC60



Alvolta MPPT Technology

A reliable Solar Controller is an essential component of an efficient solar-connected energy system. A Solar Controller is responsible for gathering energy from your solar panels and diverting it to your batteries for storage.

Alvolta MPPT technology maximises the amount of solar energy delivered to your batteries and the time taken to do so, ensuring full charge is reached quickly and maintained consistently.

The Alvolta MPPT Solar Controller range is equipped with tried and tested temperature management to deliver effective results and maintain efficient DC charge, no matter where your journey takes you.

The Alvolta 150/60 Rugged MPPT has over-heating protection, PV reverse polarity, and reverse current protection for a safe and reliable DC charge.

Supports most battery types, including lithium, to suit any application.

Suitable for:



| Properties | |
|-------------------------|---|
| Battery System | 12/24/36/48V |
| Standby Load | 12mA/12V 10mA/24V 5mA/36V 5mA/48V |
| Max Solar Input Voltage | <150Voc |
| Solar Output | 60A |
| Max Solar Input | 900W/12V 1800W/24V 2600W/36V 3200W/48V |
| Light Control Voltage | 5V*n |
| Light Control Delay | 10s |
| Max Load Output | 20A |
| Operating Temperature | -35°C ~ +45°C |
| Terminal Capacity | 25mm ² |
| IP Protection | IP32 |
| Weight | 4.5kg |
| Dimensions | 280 x 210 x 102mm |
| Warranty | 3 Years |

Features & Benefits

- MPPT 60A max charge current
- 12/24/36/48V battery system operation
- 150Voc max PV input voltage
- Tried and tested temperature management for effective solar DC charge, no matter the weather
- No cooling fan with oversized heat sink. LCD display screen with the option to set parameters
- Supports most battery types including lithium
- Over-heating protection by derating when temperature is high
- PV reverse polarity & reverse current protection
- Remote display connection

3 YEAR
WARRANTY

