



Features:

- IP65 protection
- Easy installation
- All in one design
- Digital controller
- DC/AC Surge protection
- Reactive power controller
- String monitoring optional
- High efficiency up to 97.6%

10A	20A	30A
30A	40A	50A
60A		80A



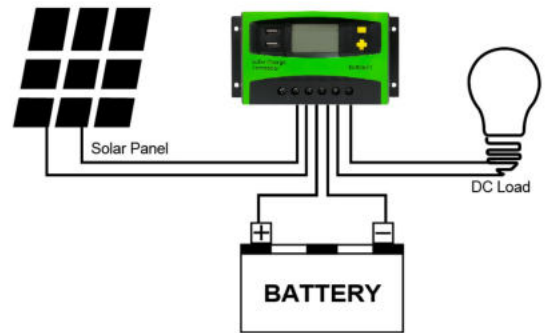
TECHNICAL SPECIFICATIONS

Rated Voltage : 12/24V

Rated Current : 10A /20A/30A

40A /50A /60A/80A

Max.PV Voltage : 50V



Model	10A / 20A / 30A / 40A / 50A / 60A
USB Output	5V / 2A
System Voltage	12V / 24V
Max. Input Voltage of solar panel	55V
Self - consumption	≤ 12mA
Max. charge current	10A / 15A /20A /30A /40A /50A /60A
Max. discharge current	10A / 15A /20A /30A /40A /50A /60A
LVD	11.0V ADJ 9V....12V ; x2 24V
LVR	12.6V ADJ 11V....13.5V ; x2 24V
Float Voltage	13.8V ADJ 13V....15V ; x2 24V
Boost charging	14.4V ; x2 24V Battery Voltage less than 12 Start boost charging 2 hours
Battery Over Voltage Protection	16.5V ; x2 24V
ReverseConnection Protection	Yes
Load Over Current Protection	Yes, each two minutes restart once
Charge Type	PMW
Temperature Compensation	-24 mV /°C for 12V system ; x2 24V
Working Temperature	-20°C ---55°C
Terminal Scale	28---10 AWG
Waterproof grade	IP32
Size	168 mm x 92 mm x 41.5mm
Netweight	320g - 710g