

SC-3KW MPPT

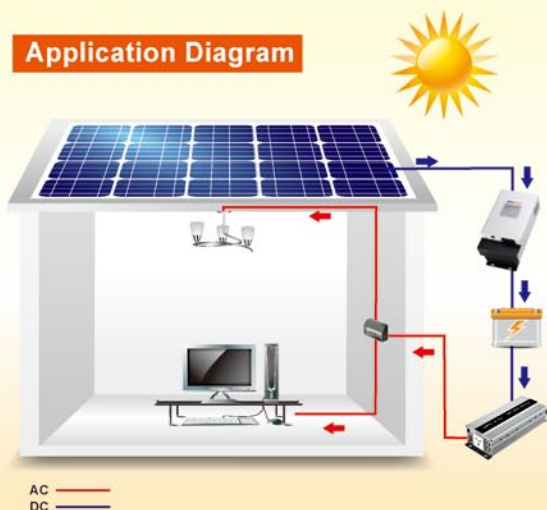
Solar Charger MPPT

Features

- Intelligent Maximum Power Point Tracking technology increases efficiency 25%~30%
- Compatible for PV systems in 12V, 24V or 48V
- Three-stage charging optimizes battery performance
- Equalization charging for extension of battery life span
- Maximum charging current up to 60A
- Maximum efficiency up to 98%
- Battery temperature sensor (BTS) automatically provides temperature compensation
- Automatic battery voltage detection
- Support a wide range of lead-acid batteries including wet, AGM, and gel batteries
- Integrated intelligent slot compatible with the SNMP/MODBUS communication
- Parallel charging function

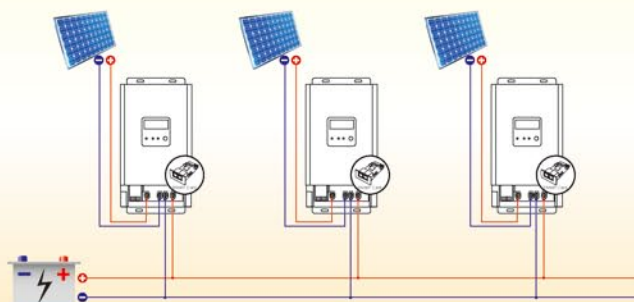


Application Diagram



Parallel charging function

Users can assign chargers to charge the same battery group.



Specifications

MODEL	SC-3KW MPPT		
PV INPUT			
MPPT Range	60VDC~115VDC		
Maximum PV Array Open Circuit Voltage	145VDC		
Maximum PV Array Power	800W	1600W	3200W
Maximum Input Current	50A		
BATTERY			
Nominal Battery Voltage	12V	24V	48V
Connected Battery Type	Sealed lead acid, AGM or Gel		
Maximum Charge Current	60A		
Maximum Efficiency	98%		
Charging Method	Three stages: bulk, absorption, floating		
PHYSICAL			
Dimension (D×W×H)	315×165×128 mm		
Net Weight	4.5kgs		
Type of Mechanical Protection	IP 31		
COMMUNICATION			
Humidity	5 ~ 95% RH (No condensing)		
Operating Temperature	0°C to 55°C		
Storage Temperature	-15°C to 60°C		

Specifications are subject to change without notice.

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