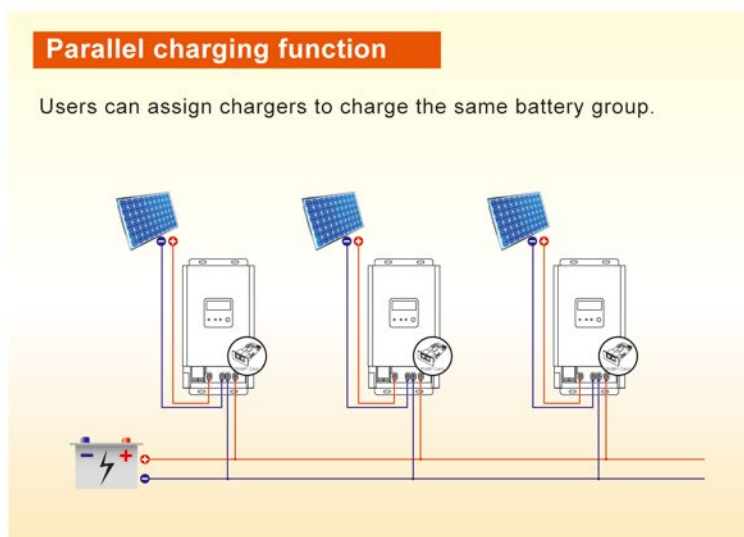
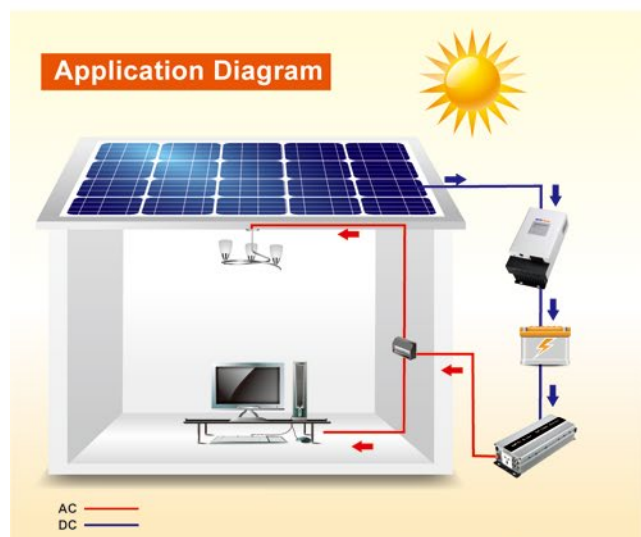


SC-3KW MPPT

## MPPT Solar Charger

### 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 charger 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



### Specifications

MODEL		SC-3KW MPPT	
<b>PV INPUT</b>			
MPPT Range	60VDC~115VDC		
Maximum PV Array Open Circuit Voltage	145VDC		
Maximum PV Array Power	800W	1600W	3200W
Maximum Input Current	50A		
<b>BATTERY</b>			
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		
<b>PHYSICAL</b>			
Dimension (D×W×H)	315×165×128 mm		
Net Weight	4.5kg		
Type of Mechanical Protection	IP 31		
<b>COMMUNICATION</b>			
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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