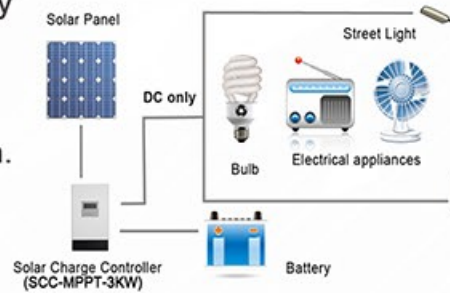


# Solar Charge Controller MPPT

## FEATURES

- Intelligent Maximum Power Point Tracking MPPT. technology increases efficiency 25%~30%.
- Compatible for PV systems in 12V, 24V or 48V.
- Three-stage charging optimizes battery performance Maximum charging current up to 60A.
- Maximum efficiency up to 98%.
- Battery temperature sensor (BTS) automatically provides temperature compensation.
- Support wide range of lead-acid batteries including wet,AGM, and gel batteries.
- Multifunction LCD displays detailed information.



## Specifications

model	PT-SCC-MPPT-3KW		
<b>PV INPUT</b>			
MPPT Range	60 VDC ~ 115 VDC		
Maximum PV Array Open Circuit Voltage	145VDC		
Maximum PV Array Power	800W	1600W	3200W
Maximum Input Current	50 A		
<b>BATTERY</b>			
Nominal Battery Voltage	12 V	24 V	48 V
Connected Battery Type	Sealed lead acid, AGM or Gel		
Maximum Charging Current	60 A		
Maximum Efficiency	98%		
Charging Method	Three stages: bulk, absorption and floating		
<b>PHYSICAL</b>			
Dimension, D x W x H (mm)	315 x 165 x 128		
Net Weight (Kgs)	4.5		
Type of Mechanical Protection	IP 31		
<b>COMMUNICATION</b>			
Standard	RS-232 and Dry contact		
Optional	USB, Modbus and SNMP		
<b>ENVIRONMENT</b>			
Humidity	5 ~ 95% RH (No condensing)		
Operating Temperature	0°C to 55°C		
Storage Temperature	-15°C to 60°C		