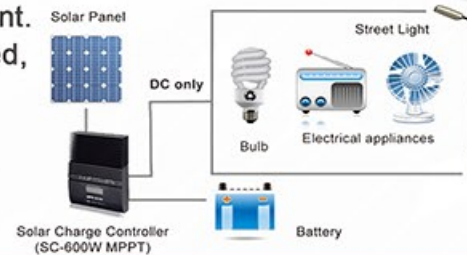


Solar Charge Controller MPPT

FEATURES

- Intelligent Maximum Power Point Tracking MPPT technology.
- Built-in DSP controller with high performance.
- Automatic battery voltage detection.
- Three-stage charging optimizes battery performance.
- Auto load-detection.
- Multifunction LCD displays detailed information.
- Reverse polarity protection for solar panel and battery.
- Overcharge and overload protection.
- IP 43 protection for outdoor and harsh environment.
- Suitable for battery types: sealed lead acid, vented, Gel, and NiCd.



Specifications

model	PT-SCC-MPPT-600W
INPUT	
MPPT Range @ Operating Voltage	30 V ~ 66 V @ 24 V
Maximum PV Array Open Circuit Voltage	75 V
Maximum PV Array Power	600 W
Maximum Current	18 A
OUTPUT	
Nominal Battery Voltage	24 V
Connected Battery Type	Sealed lead acid, vented, Gel, NiCd battery
Maximum Charging Current	25 A
Maximum Efficiency	98%
Standby Power Consumption	2 W
Charging Method	Three stages: bulk, absorption, and floating
PROTECTION	
Overload Protection	> 110% : audible alarm
Overcharge Protection	Yes
Polarity Reversal Protection @ Solar Cell & Battery	Yes
INDICATORS	
LCD Panel	indicating solar power, load level, battery voltage/capacity, charging current, and fault conditions
LED Display	Three indicators for solar, charging, and load status
PHYSICAL	
Dimension, D x W x H (mm)	220 x 170 x 57.5
Net Weight (Kgs)	1.85
Connector	Input/Output terminal block
Type of Mechanical Protection	IP 43
ENVIRONMENT	
Humidity	0 ~ 100% RH (No condensing)
Operating Temperature	-20°C to 55°C
Storage Temperature	-40°C to 75°C
Altitude	0 ~ 3000 m