

PWM Solar Charge Controller



- 12VDC or 24VDC available
- Multi-stage charging method
- Lightweight design

PWM Solar Charge Controller Selection Guide

MODEL	SCC-PWM-120W	SCC-PWM-240W	SCC-PWM-360W	SCC-PWM-600W	SCC-PWM-720W	SCC-PWM-1200W
INPUT						
Maximum PV Array Open Circuit Voltage	25 VDC	50 VDC	75 VDC	75 VDC	75 VDC	75 VDC
Maximum PV Array Power	120 W	240 W	360 W	600 W	720 W	1200 W
Maximum Current	10 A		30 A	50 A	30 A	50 A
OUTPUT						
Nominal Battery Voltage	12 VDC	24 VDC	12 VDC	12 VDC	24 VDC	24 VDC
Connected Battery Type	Sealed lead acid battery					
Maximum Charging Current	10 A		30 A	50 A	30 A	50 A
Ripple Voltage	$\pm 1\text{ V}$					
Charging Method	Two stages: bulk and floating 1 / floating 2			Three stages: bulk, abs cv, floating		
INDICATORS						
LED Display	Green LED indicating charging status					
PHYSICAL						
Dimension, D X W X H (mm)	92.6 x 60.7 x 30.8		107.6 x 75 x 30.8	131 x 85 x 40.5	107.6 x 75 x 30.8	131 x 85 x 40.5
Net Weight	210 g		340 g	490 g	340 g	490 g
Connector	PV/Battery terminal block			PV/Battery/Load terminal block		
Type of Mechanical Protection	IP 31					
ENVIRONMENT						
Operating Temperature	-20°C to 55°C					
Storage Temperature	-40°C to 75°C					
Altitude	0 ~ 3000 m					

Product specifications are subject to change without further notice