

SC-10 MPPT ~ SC-20 MPPT

Solar Charger MPPT



① MPPT ② Battery ③ Inverter



Features

- Innovative MPPT technology, conversion efficiency up to 98%
- Many choices of battery type and working mode
- Clear readable display of charge/discharge, battery and error description
- 12V/24V automatic recognition
- Temperature compensation
- Perfect EMC design
- Four stage charge way: MPPT, boost, equalization, float
- Full automatic electronic protect function

Specifications

Model name	SC-10 MPPT	SC-15 MPPT	SC-20 MPPT
System voltage		12V/24V automatic recognition	
Max solar current or load current	10A	15A	20A
Max MPPT efficiency		98%	
Max PV input power	12V: 150W, 24V: 300W	12V: 225W, 24V: 450W	12V: 300W, 24V: 600W
Float voltage		13.7V/27.4V(25°C)	
Boost voltage		14.5V/29.0V(25°C)	
Equal voltage		14.8V/29.6V(25°C) (Liquid)	
Day/Night threshold		5.0V/10.0V	
Load disconnect voltage		11.2~11.8V/22.4~23.6V	
Load reconnect voltage		12.5V/25.0V	
Battery type		Liquid, Gel	
Work mode		Standard, D2D(DUSK to Dawn)	
Temperature compensation		-4.17 mV / K per cell (Boost and Equal charge)	
		-3.33 mV / K per cell (Float charge)	
Max solar voltage		100V	
Max battery voltage		40V	
Dimension/Weight	164×189×73mm / 800g		164×189×73mm / 900g
Max power consumption		10mA	
Temp. Range during operation		- 35°C~ + 55°C	
Storage temperature		- 40°C ~ + 80°C	
Relative humidity		10%~90% Non-condensation	
Case protection		IP22	

Specifications are subject to change without notice.

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