

Solar Power System - Solar Lighting System



SL SOLAR POWER SYSTEM

Application: multi-functional. Used in where is lack-in power. Offer you best solution for electricity crisis. During the electricity power shortages, go anywhere portable solar power system is extremely useful! Solar systems can be used for electricity to power phones, lamps and fan etc. it can be used in rural home electrification, remote cabins, tool sheds and barns and emergency power.

■ PRODUCT FEATURES:

- ◆ No pollution, green energy.
- ◆ With a handle, easy to install and use.
- ◆ Save energy and electricity consumption
- ◆ For rural area, camping, remote cabins, emergency power.
- ◆ Environment friendly, lower-cost.

■ Configuration:

Solar panel: polycrystalline(default) or monocrystalline

Integrated power box: built-in maintenance free lead acid battery

PWM controller, LED indicators indicates the solar power, battery status, and failure condition.

Two USB of output to the mobile phone charging.

DC output port for LED lighting, DC fan, DC TV power supply, DC video etc.

LED lighting: 3W12V, with 5meters and line switch.

■ SPECIFICATIONS

Model		SL200-100P1000
System voltage	12V DC	
Solar light kit	Max.solar charge current	15A or 30A
	Rated discharge current	15A or 30A
	Open circuit loss	<5mA
	Over voltage protection	17V
	Lift charge voltage	14.6V
	lower voltage protection	11.8V
	Over discharge voltage	11V
	Double USB port	5V 2.1A
	LED indicators	Green for power on , Red for protection / failure status
		Solar/AC input port
	Temperature compensation	-4.0mv/0°C/2V
	DC12V output plug	8pcs
	Charge control mode	PWM control
	Power Inverter	12V1000W
	Protection circuit	Over charge, over discharge, overload, short circuit reverse polarity, lower and over voltage, over heat etc. protection
Solar panel	18V, with 5m or 10m(default) cable	Min. 100W/Max. 200W
Storage Battery	12V lead acid battery	80ah/100ah(Optional)
AC charging adaptor	Input:100-240V,14.5V2A	Optional
USB charger adaptor	3 different connectors	Optional
Lighting source	LED 3W	8pcs
Lighting cable	5m	8pcs
Operating Temperature	-35°C~60°C	
Unit size	412*213*472(mm)	