

## 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	SL200-100P400	SL200-100P600	
System voltage	12V DC		
Solar light kit	Max.solar charge current	15A or 20A	
	Rated discharge current	15A or 20A	
	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	12V400W	12V600W
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)		