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		SI6045	SL6045i
System voltage		12V DC	
Solar light kit	Max.solar charge current	15A	
	Rated discharge current	15A	
	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	Fault, battery capacity <25~75% and> 75%, solar power	
		Solar/AC input port	
	Temperature compensation	−4.0mv/0℃/2V	
	DC12V output plug	8pcs	
	Charge control mode	PWM control	
	Power Inverter	/	12V 200W
	Protection circuit	Over charge, over discharge, overload, short circuit protection, solar panel and battery reverse pola	
Solar panel	18V, with 5m or 10m(default) cable	Min. 10W/Max. 50W	
Storage Battery	12V lead acid battery	45ah	
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℃~60℃	
Unit size		292*186*251(mm)	