



Solar Power Generator is a stand-alone source of portable power for AC and DC-powered electronics. Its rugged design of heavy duty AC power means you can operate and charge electronics in various locations: at home during a power outage; in remote locations like a camp-site, beach or park; in your vehicle for road side or power outage emergencies; and at a work site when power is needed. allow you to maximize your runtimes

Other features include: A foldable solar panel to charge your battery and supply power during long power outages.

Provides heavy duty household power anywhere.

It operates demanding applications such as power tools, powers DC products that you enjoy during outdoor recreation, and provides emergency power during an outage at home.

The system is quiet, dependable and an easy-to-use alternative to a generator

DC And AC Solar Kit Box

	DC Solar Generator			DC&AC Solar Generator		
Photo						
Model	SLE1206	SLE1212	SLE1224	SLE1255B	SLE12100	SLE12200
Battery Capacity	4Ah	12Ah	24Ah	55Ah	100Ah	200Ah
Solar	5W	20W	40W	120W	500W	1000W
Unit Size	161*97*147mm	223*128*140mm	260*155*228mm	470mm×240mm×560mm	560mm×290mm×560mm	560*290*560mm
Applicable Scope						



4Ah Solar Home System

6W solar power generator which designed for the small family. All the power comes from solar. Clean, environment protection. This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, country area, camping, outdoor activities, travelling, Lighting at night.

4AH DC solar power system components:

1. Solar module: 12V/5W with bracket built in frame
2. LED lights, 12V/3W, white color. With 4m cable and 2.1mm DC port. (two sets); and 8m solar cable; and USB interface and connecting line.
3. Battery box with controller built-in. (one set)

Technical Data

product name	rated charging current	rated working voltage	float charging voltage	low voltage disconnecting point	USB port current	working temperature	dimension
4Ah DC solar home system	1A	12V	14V	10.5V	≤500mA	-10℃~50℃	161mm×97mm×147mm
model	rated discharge current	solar panel voltage	no load loss	low voltage reconnecting point	humidity requirement	storage temperature	
SLE1206	2A	≤25	≤8mA	11.5V	≤90%, no condensation	-15℃~40℃	



package&detail



12Ah Solar Home System

16W solar power generator which designed for the small family. All the power comes from solar. Clean, environment protection. This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, country area, camping, outdoor activities, travelling, Lighting at night.

12AH DC solar power system components:

1. Solar module: 12V/20W built in bracket
2. LED lights, 12V/3W, white color. With 4m cable and 2.1mm DC port. (two sets)
3. Battery box with controller built-in. (one set)

Technical Data

product name	rated charging current	rated working voltage	float charging voltage	low voltage disconnecting point	USB port current	working temperature	dimension
12Ah DC solar home system	2A	12V	14V	10.5V	≤500mA	-10℃~50℃	161mm×97mm×147mm
model	rated discharge current	solar panel voltage	no load loss	low voltage reconnecting point	humidity requirement	storage temperature	
SLE1212	2A	≤25	≤8mA	11.5V	≤90%, no condensation	-15℃~40℃	



24Ah Solar Home System

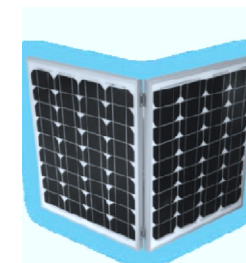
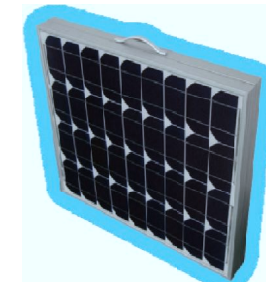
40W solar power generator which designed for the small family. All the power comes from solar. Clean, environment protection.

This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, camping, outdoor activities, travelling, Lighting at night.

- LED lights, 12V/3W(two sets)&12V5W(two sets) white color. With 4m cable and 2.1mm DC port. and 8m solar cable; and USB interface and connecting line.
- Battery box with controller built-in. (one set)
- 2*20W portable solar panel with brackets.

Technical Data

product name	rated charging current	rated working voltage	float charging voltage	low voltage disconnecting point	USB port current	working temperature	dimension
24Ah DC solar home system	2A	12V	14V	10.5V	$\leq 500\text{mA}$	$-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$	260mm × 155mm × 228mm
model	rated discharge current	solar panel voltage	no load loss	low voltage reconnecting point	humidity requirement	storage temperature	
SLE1224	2A	≤ 25	$\leq 8\text{mA}$	11.5V	$\leq 90\%$, no condensation	$-15^{\circ}\text{C} \sim 40^{\circ}\text{C}$	






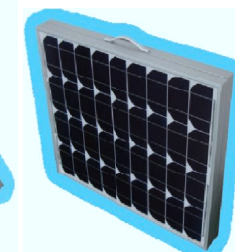
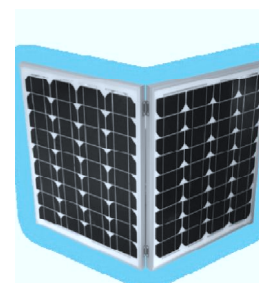
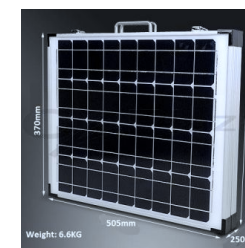
55Ah Solar generator with LCD display

SLE1255 solar power generator which designed for the small family.

All the power comes from solar. Clean, environment protection.
This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, country area, camping, outdoor activities, travelling, Lighting at night.

Technical Data

Model parameter	SLE1255-B	model parameter	SLE1255-B
rated charging current	10A	working temperature	-10℃ ~50℃
rated discharging current	4A	storage temperature	-15℃ ~40℃
rated working voltage	12V	temperature requirement	≤90%, no condensation
solar panel voltage	≤25V	dimension	470mm×240mm×560mm
float charging voltage	14V	complete bubble box	
low voltage protection point	10.7V		
low voltage recovery point	12.6V		
no load loss	≤20mA		
USB port current	≤500 mA		




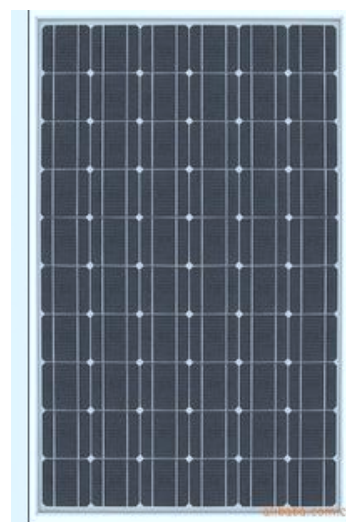
- Include: 2*60W portable solar panel with Brackets
- LED lights, 12V/3W(two sets)&12V5W(two sets) white color. With 4m cable and 2.1mm DC port.
- Controller/ inverter intergrate. 300W pure sine inverter and 12V 10A solar controller

100Ah Solar generator

SLE12100 solar power generator which designed for the small family. All the power comes from solar. Clean environment protection. This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, country area, camping, outdoor activities, travelling, Lighting at night.

Technical Data

model parameter	SLE12100	Model parameter	SLE12100
rated charging current	30A	working temperature	-10℃ ~ 50℃
rated discharging current	4A	storage temperature	-15℃ ~ 40℃
rated working voltage	12V	humidity requirement	≤90%, no condensation
solar panel voltage	≤25V	dimension	560mm×290mm×560mm
float charging voltage	14V	complete bubble box	
low voltage protection point	10.7V		
low voltage recovery point	12.6V		
no load loss	≤20mA		
USB port current	≤500 mA		




Components

- Include: 2*250W mono module.
- House roof or mounting system, accept customer design.
- Controller/ inverter intergrate machine, 600W pure sine inverter and 12V 30A solar controller
- LED lights, 12V/3W(two sets)&12V5W(two sets) white color. With 4m cable and 2.1mm DC port.

200Ah Solar generator

SLE12200 solar power generator which designed for the small family. All the power comes from solar. Clean, environment protection. This system is usually used for home lighting/house lighting, remote area, mountainous area, desert area, grassland area, village, country area, camping, outdoor activities, travelling, Lighting at night.

Technical Data

model parameters	SLE12200	model parameter	SLE12200
rated charging current	30A	working temperature	-10℃~50℃
rated discharging current	4A	storage temperature	-15℃~40℃
rated working voltage	12V	humidity requirement	≤90%, no condensation
solar panel voltage	≤25V	dimension	560mm×290mm×560mm
float charging voltage	14V		
low voltage protection point	10.7V		
low voltage recovery point	12.6V		
no load loss	≤20mA		
USB port current	≤500 mA		



Compnents

- Include: 4*250W mono module. House roof or ground mounting system, accept customer's onw design.
- Controller/ inverter intergrate, 1000W pure sine inverter, 12V 30A solar controller



Installing and Operation

- 1 Open the box and take out the accessory and machine. Put the solar panel outside and make it face the sun; connect the cable with the machine indoor; put on the switch. If the battery voltmeter has display and red charging indicator is on, it means the solar panel is charging the battery normally. (If this is the first time you use this machine, please charge for 3 continuous days and then discharge the load)
- 2 If the battery voltage is higher than 10.5V, the load indicator will be on. Then insert the LED lamp into the socket of the DC output on the machine. And insert the mobile into the USB connecting port.
- 3 This machine has anti-discharging function (prevent battery from discharging to solar panel), so please make sure the solar panel is always connected with the machine to assure the battery can get more power. If you use the battery for long, it would cause the battery to low voltage condition (load indicator off, no load output. The voltmeter showing at 10V). If this happens, please use the solar panel to charge the battery for 10 continuous hours and restart the machine to recover the power supply.
- 4 If the battery voltage is higher than 14V, the charging indicator begins to flicker, and it means the battery has been in float charging state.
- 5 We have fully considered the using condition of the users. The cables' length for solar panels and LED lamp are long enough, so please do not lengthen them or change them at random. But if you have to change them, please make sure the area of the cable connecting solar panel is not less than 0.5mm², while for LED lamp, not less than 0.3mm². All the connecting cables have negative and positive part, please distinguish them.

Breakdown and disposal

- 1 Solar panel indicator off: Please check whether the solar panel is facing the sun; whether the machine switch is on; whether the battery is in full capacity state; whether the connecting of the solar panel is short-circuit or reversed.
- 2 No load output and the load indicator off: Please check whether the battery is in low voltage, whether the voltmeter showing is less than 10V and if it so, please charge the battery for 10 continuous hours and then use it.
- 3 No load output, load indicator on: Please check whether there is bad connection of the load, then connect again. Check whether the load is overloaded, short-circuit, and disconnect the load for 1 minute, then connect again.

Maintenance

- 1 If you are going not to use this machine for long, please turn off the power switch and charge the battery every month (battery voltage higher than 14V.)
- 2 Please do not make the battery in the state of low voltage. Otherwise it will shorten the using time of the battery. After one time of low voltage, please charge over 2 days and then use it.