

Protable Solar DC Power Generator

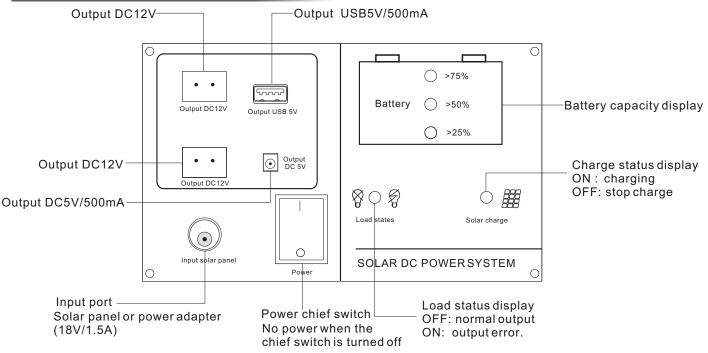
User manual

Thanks a lot for buying our product, please read this instruction carefully before using the appliance

Brief descriptions:

- 1. This generator designed to provide DC power supply for power lighting, mobile phone charging, run the DC Fan and Radio, etc.
- 2.Adopt the latest PWM control modulation, real time display of battery capacity and load status.
- 3. Built-in maintenance-free Lead-acid battery.
- 4. With several output socket, can output voltage DC12V and DC5V at the same time.
- 5. It can charged by solar panel, and also can charged by public net via one adapter.
- 6. Voice warning and together LED indicator shows the battery get low.

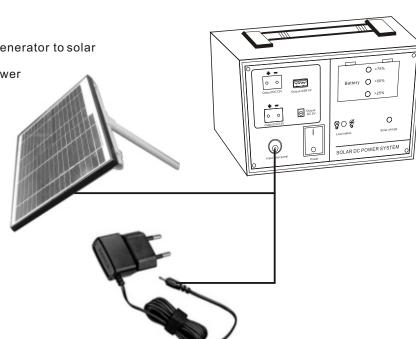
Product illustration



Usage instruction

1. Charge for generator

As the diagram shows, connect the generator to solar panel(18V/1.5A) or public net via power adapter, turn on chief switch, then start the charging. Adjust the angles of solar panel, it must be place where the panel will receive the most possible sunlight.



2.Load connection:

3. Cautions

- It would be best to charging the generator over 12 hours on first time and second time usage, then bring the battery run on the best status.
- 2. It should be full charged at least one time one month, for prolong the life of built-in battery.
- 3. Make sure your load power isn't over the rated output power.
- 4. Please don't use the generator under the low voltage situation oftenly, it would be cause the damage of built-in battery.
- 5. This is not a toy-----please keep away from children.

LED status and Alarm

Battery capacity and		L1 L2 L3 battery capacity		
	L1- >75%	ON OFF OFF >75%		
		OFF ON OFF >50-75%		
	Battery	OFF OFF ON <25%		
voice warning	L2-() >50%	OFF OFF Flash <10%		
0	L3- >25%	BUZZER WARNING:		
		$L1 (ON) \xrightarrow{1 \text{ time } 3 \text{ times } 5 \text{ times } 25 \text{ times } 12 (ON) \xrightarrow{1 \text{ L} 3} (ON) \xrightarrow{1 \text{ L} 3} (flash) \xrightarrow{1 \text{ load cut of } 1000 \text{ cut of } 10000 \text{ cut of } 100000\text{ cut of } 1000000\text{ cut of } 1000000000000\text{ cut of } 100000000000000000000000000000000000$		
Charge status display	Solar charge	ON: charging OFF: stop charge		
Load status display	Koad states	OFF: normal output ON: discharge protection(LVD or HVD),over load Flash: load short circuit		

Troubleshooting:

Trouble/Indication	Possible Cause	Suggestion
Cann't charge for generator	 chief switch turn off polarity reversed or misconnection of solar panel or adaptor. 	1. Turn on the power 2.Correct the connection
No load output	 The generator under low voltage The output load short curcuit Overload 	 Full charge generator Replace the output load Decrease the load
short work terms of battery	ageing battery	replace the battery

Parameter

Built-in battery capacity:	12V/7AH;
Max.charge current of solar panel:	18V/1.5A
Max. charge current of adapter:	18V/1A (optional)
Sum current of DC12V:	DC12V/3A;
Max. current of USB port:	DC5V/500mA;
Max. Current of DC5V port:	DC5V/500mA;
Netweight	4kg
Dimension	18×13×13cm
Work temperature	-40∼50℃
Protection class	IP52