



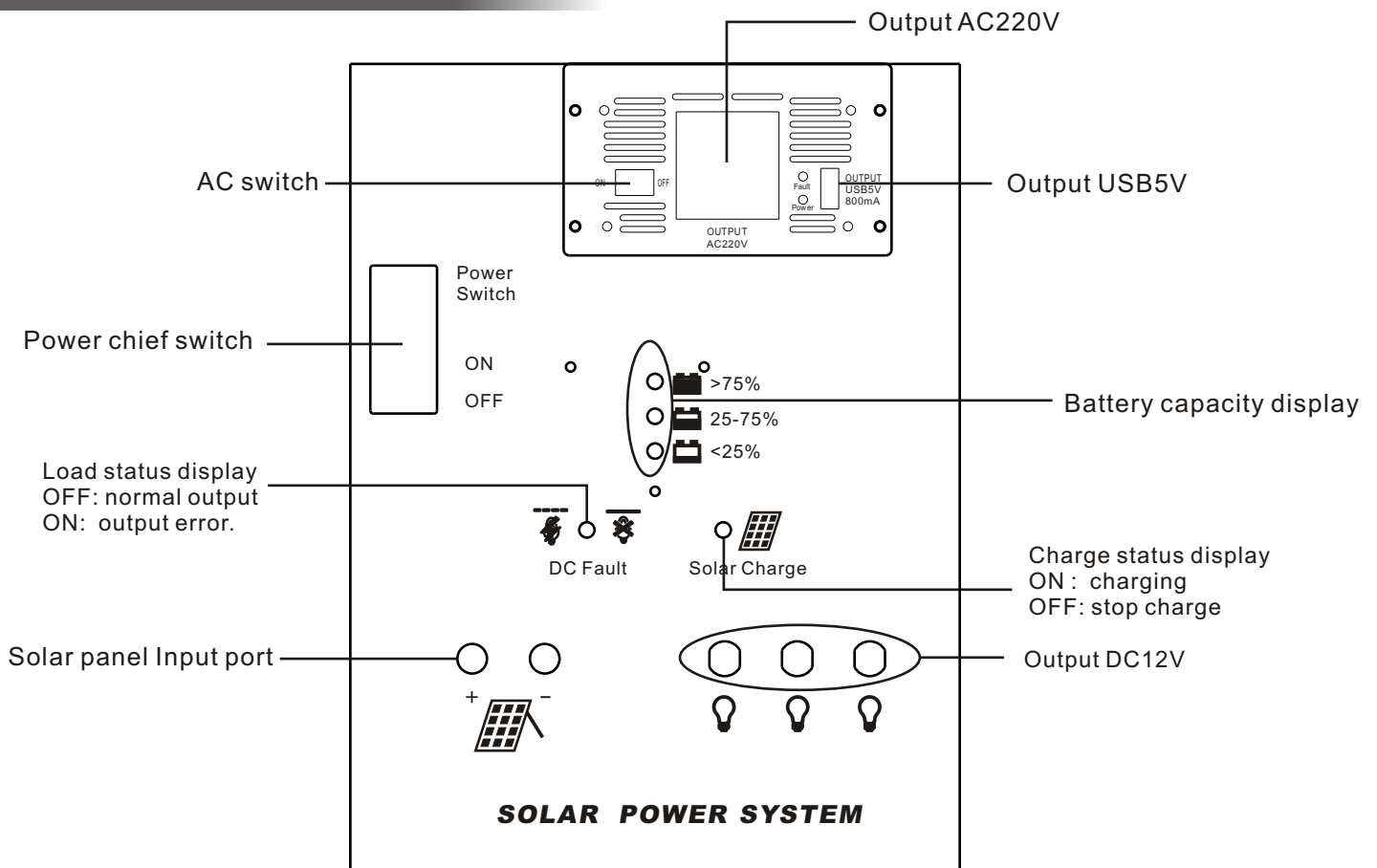
Solar Power System User manual

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

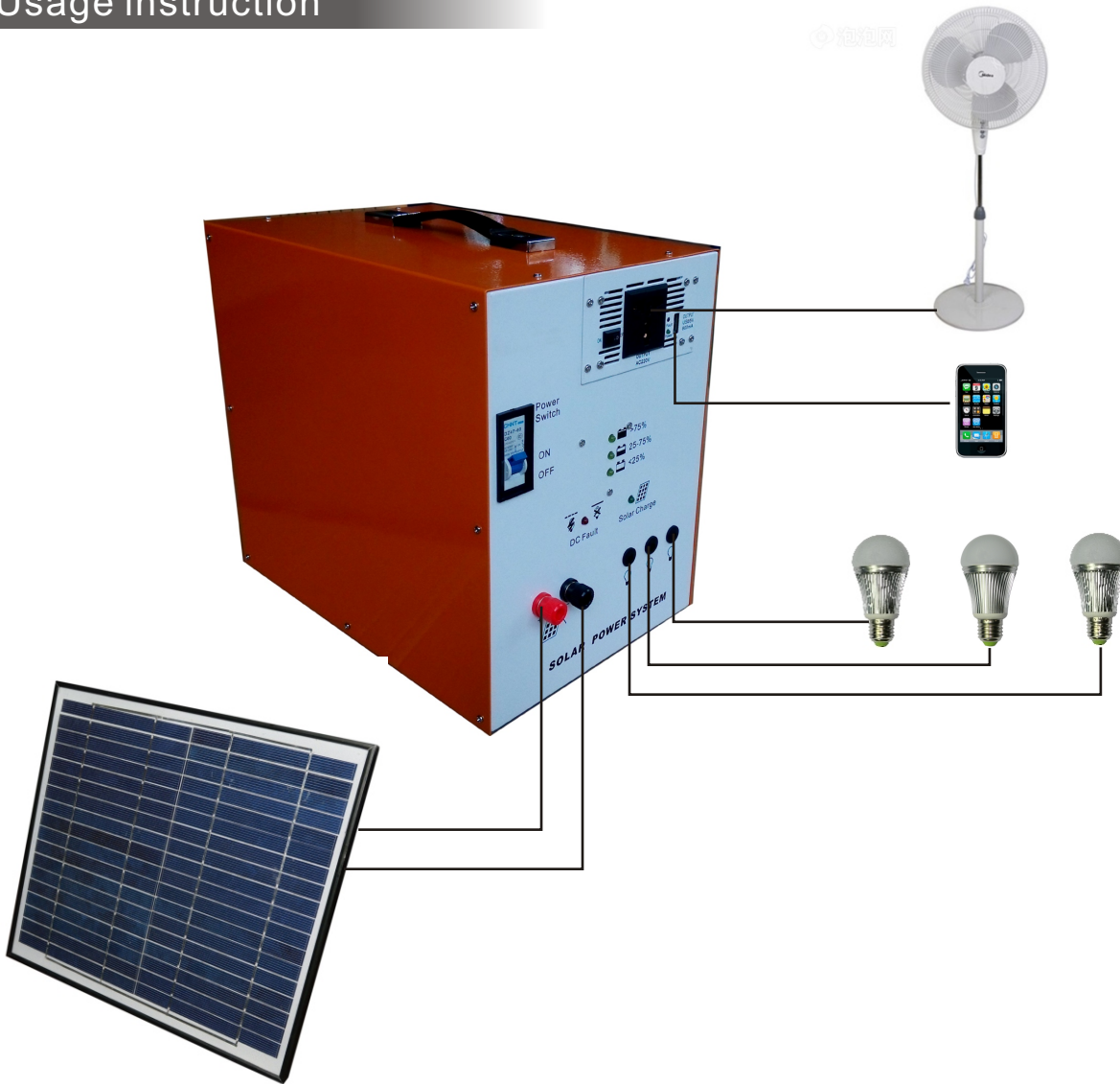
Brief descriptions:

- 1.This generator designed to provide DC and AC power supply for power lighting, mobile phone charging, run the AC Fan 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 , USB5V and AC220V at the same time.
- 5.It can charged by solar panel
- 6.Voice warning and together LED indicator shows the battery get low.

Product illustration



Usage instruction



1. Charge for System

As the diagram shows, connect the generator to solar panel(Max150W/17.5V), 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.




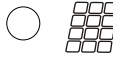

3. Cautions

1. 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 system 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.

2.Load connection:

As the diagram shows, insert your direct current appliances to related socket, and please ensure your load power isn' t over the related output power. Otherwise it would be lead to the damage of the system

LED status and Alarm

Battery capacity and voice warning	<p>L1  >75%</p> <p>L2  >50%</p> <p>L3  >25%</p>	<table border="1"> <tr> <th>L1</th> <th>L2</th> <th>L3</th> <th>battery capacity</th> </tr> <tr> <td>ON</td> <td>OFF</td> <td>OFF</td> <td>>75%</td> </tr> <tr> <td>OFF</td> <td>ON</td> <td>OFF</td> <td>>50-75%</td> </tr> <tr> <td>OFF</td> <td>OFF</td> <td>ON</td> <td><25%</td> </tr> <tr> <td>OFF</td> <td>OFF</td> <td>Flash</td> <td><10%</td> </tr> </table>	L1	L2	L3	battery capacity	ON	OFF	OFF	>75%	OFF	ON	OFF	>50-75%	OFF	OFF	ON	<25%	OFF	OFF	Flash	<10%
		L1	L2	L3	battery capacity																	
ON	OFF	OFF	>75%																			
OFF	ON	OFF	>50-75%																			
OFF	OFF	ON	<25%																			
OFF	OFF	Flash	<10%																			
<p>BUZZER WARNING:</p> <p>L1 (ON) $\xrightarrow{1 \text{ time}}$ L2 (ON) $\xrightarrow{3 \text{ times}}$ L3 (ON) $\xrightarrow{5 \text{ times}}$ L3 (flash) $\xrightarrow{25 \text{ times}}$ load cut off</p>																						
Charge status display	 Solar charge	<p>ON: charging</p> <p>OFF: stop charge</p>																				
Load status display	 Load states	<p>OFF: normal output</p> <p>ON: discharge protection(LVD or HVD),over load</p> <p>Flash: load short circuit</p>																				

Troubleshooting:

Trouble/Indication	Possible Cause	Suggestion
Can't charge for system	1. chief switch turn off 2. polarity reversed or misconnection of solar panel or adaptor.	1. Turn on the power 2. Correct the connection
No load output	1. The system under low voltage 2. The output load short circuit 3. Overload	1. Full charge generator 2. Replace the output load 3. Decrease the load
short work terms of battery	ageing battery	replace the battery

Parameter

Built-in battery capacity	12V/55AH
Input max.solar panel power	100W/17.5V
Built-in inverter power	500W/AC220V,50hz
Power inverter type:	Modify sine wave
DC output	DC12V/5A(3PCS)
Max. current of USB port	USB5V/800mA
Net weight	20.5kg
Dimension	33×210×30cm
Work temperature	-40~50℃
Protection class	IP52