

SR-300W USER MANUAL

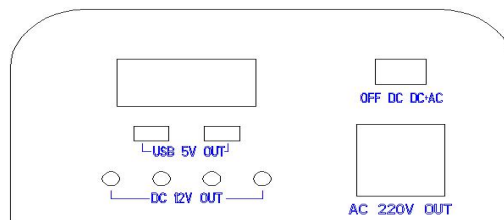
Thanks for choosing Sopray Solar Group Limited.

The design and use of solar home system supply Zero-pollution sun power to those places where access to the grid is non-existent or inaccessible. our solar products can supply sustainable power for electrical appliances and improve our people's life.

Using place: Private house/school/hospital/office/camping use

Model No: SR-300W

Introduction of front-panel:



Characteristics:

1. Convenient, hand-held design.
2. Environmental and energy storable function.
3. Visual LCD for battery capacity, charge-discharge indication ,error indication and Automatic setting for light control.
4. Intelligent control function: the products would cut off the circuit and start protection function automatically when under output short circuit, over-load, full charged or over-discharge condition.
5. Multiple charging modes:CJN-D500W system is charged directly by solar panel.
6. You can connect and charge electrical appliances of varies voltage and wattage such as Television, LED lights mini fan, MP3, MP4, IPAD, and cell phone with CJN-D500W system panel connecting DC/AC connector.

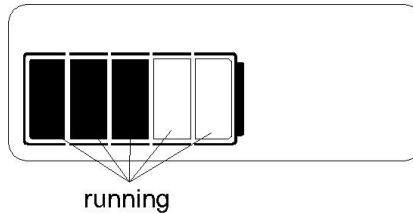
Electrical Parameters:

DC output connector	USB: 5V
	DC: 12V
	AC: 220V
Output current	USB 2A DC 2W~70W AC MAX: 300W
Lead-acid battery	Over 12V/65AH
Solar module	Max.18V90W
Output control	12V/30A
LCD display	1.8" Display the battery capacity
LED lamp, wire	12V/2W, with 5m wire

Charging mode:

Charged by solar panel



Put the solar panel to the place where the sun power is available, connect the output " + " " - " to the machine accordingly, then it shows: charging at the moment. (running)



When charging finished, it shows full-charged, you can cut off the connection.

Charging time:depend on the intensity of sun power.

Working display:

ON / OFF	USB 5V output	DC 12V output	AC220V output	LCD display
DC/ ON	Yes	Yes	NO	
DC AC / ON	Yes	Yes	Yes	
OFF	No	No	No	Null

Others

Pls cut off output and switch to OFF. When "DC" and "ERROR" flicker at the same time under condition that there's a DC output short circuit, such as DC overload, then switch to DC ON or AC DC ON, output will work.

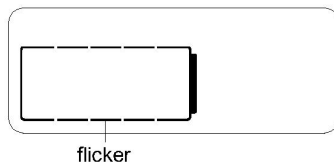


Pls cut off output and switch to OFF,When "AC" and "ERROR" flicker at the same time under condition that there's a AC output short circuit, such as AC overload, then switch to AC DC ON,

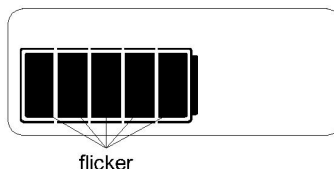
output will work.



Pls do recharge when the battery is low which can be indicated by LCD display.



The battery may be aged or damaged if battery fully charged indicator light flickers and shows the voltage is too high (>16V). If it still can not work normally by changing another new battery, the battery probably does not fit the module.



ERROR flickers as LCD indicated, it indicates the inverter-controller integrated machine is overheated and in overheating protection condition. All output and input stop working. The machine recovers automatically when the fan works and the inside temperature is under 50° C.



Attention:

1. Pls read the User Manual carefully before using this product.

Warning:

Do remember to avoid input or output short circuit and reverse polarity whenever and wherever you use the product, or it would cause damages and will be out of warranty range.