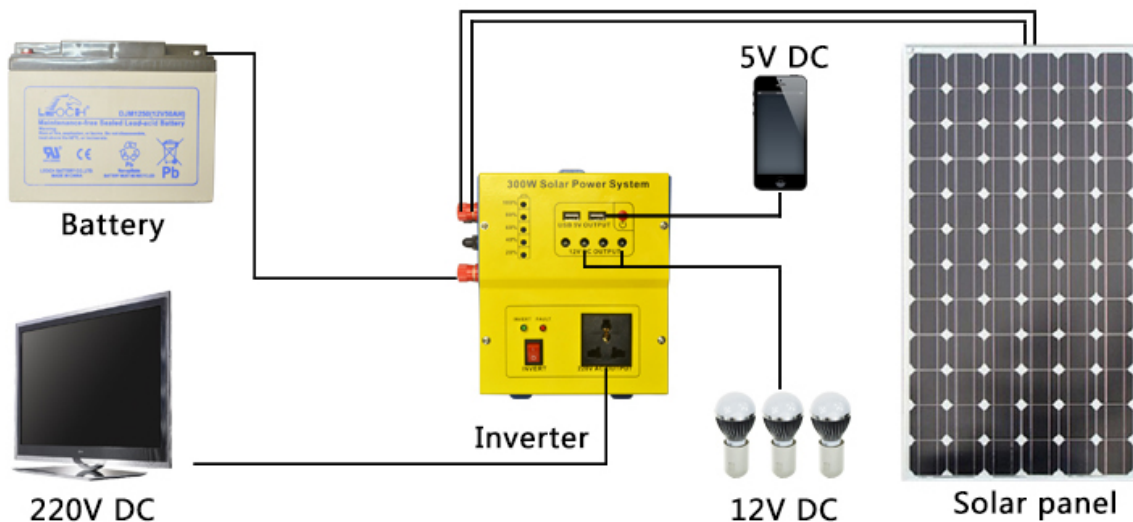


CI300 Solar system Inverter Integrated with Controller



This item is a mini Solar Generator of AC output. Be able to provide power for various low power AC output machines, DC LED Lights, mobile phones, and other digital products. The product functions and features are as follows:

- 1.The PWM Charging mode in series controlled by MCU enable to prolong the life-time of the battery;
- 2.DC 12V Port x4 pcs,5V USB mobile charging port x2 pcs;
- 3.AC 220V output port x1pc;
4. 5 levels battery power and charging status indication;
5. Comprehensive Under-voltage protection, anti-anti-charge, overcharge, over-current protection
- 6.External battery and solar photovoltaic panels to meet customers' demand for electricity usage;
- 7.The temperature difference between the cooling fan,makes the machine work radiating more timely, improve the equipment's life.
- 8.After the machine has an output over-current protection,delay output automatic reply.



CI300W Solar Inverter Integrated with Controller

Battery Voltage	12V	AC Wave Form	Modified sine Wave
Charging Current	10A	AC output Power	≤300W
Load Current	5A	Load Loss	10mA or 270 mA
Charging Circuit Voltage Drop	<0.3V	Charging Mode	PWM
Discharge Circuit Voltage Drop	<0.15V	Cable Specification	2-10mm ²
Promotion Charge	14.1-14.3V	Ambient Temperature	-20°C to +50°C
Float Voltage	13.6-13.8V	Storage Temperature	-30°C to +60°C
Load Recovery	12.5-12.7V	Humidity	<90% No Condensation
Under-voltage Protection	10.5-10.7V	Weight	1.1kg
Over-Voltage Protection	15.4-15.6V	Dimension	178*68*172mm
Over-Voltage Recovery	14.9-15.1V		
AC Voltage	180-240V		

Solar Charger Parameters

Charger Mode:	PWM (Pulse Width Modulation)
PV Input Current:	10A (Max.)
PV Input Voltage:	25V (Max.)
Battery Float Voltage:	13.7V ± 0.2V
Low Voltage Disconnection:(LVD)	10.7V ± 0.2V
Low Voltage Re-connection:	12.6V ± 0.2V

Inverter Parameters

AC OUPUT VOLTAGE:	220V ±10%
Continuous Power:	300W
Output Frequency:	50/60Hz ±10%
Max. Optimum Efficiency	>85%