
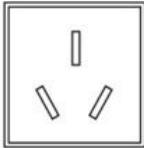
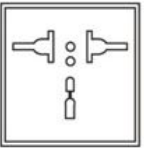





300W Pure Sine Wave Inverter

Product Model: 300PS
 Input voltage: 12V/24V/48VDC
 Output voltage: 110V/220VAC
 Peak Power: 600W
One-year warranty



Optional Sockets


					
A	B	C	D	E	F
USA	AUSTRALIA	UNIVERSAL	U.K	FRANCE	GERMANY

Performance Parameter

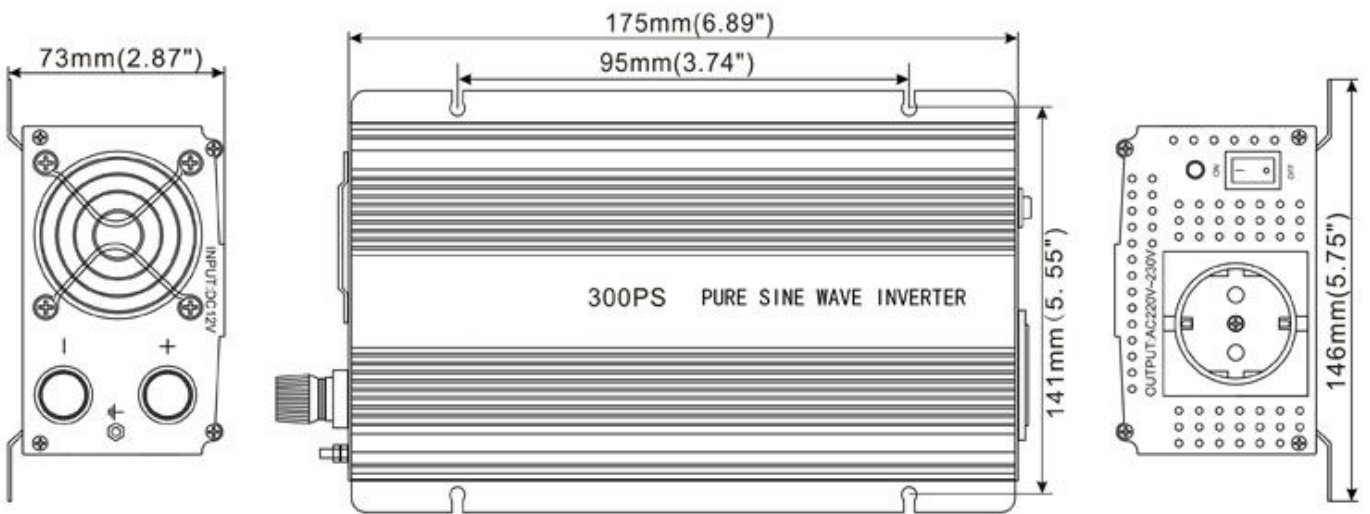
Model	300PS-121	300PS-241	300PS-481	300PS-122	300PS-242	300PS- 482
Rated power	300W	300W	300W	300W	300W	300W
Peak power	600W	600W	600W	600W	600W	600W
DC input voltage	12V	24V	48V	12V	24V	48V
AC output voltage	110VAC			220VAC		
No-load current	<0.5A	<0.25A	<0.12A	<0.5A	<0. 5A	<0.12A
AC output frequency	60HZ			50HZ		
AC output waveform	Pure Sine Wave					
Waveform distortion	THD<2%(Linear load)					
Efficiency	>88%	>90%	>93%	>88%	>90%	>93%
DC input voltage range	10-15V	20-30V	40-60V	10-15V	20-30V	40-60V
Low Voltage Alarm	10.5+/-0.5V	21+/-1V	42+/-2V	10.5+/-0.5V	21+/-1V	42+/-2V
Low Voltage Shutdown	10+/-0.5V	20+/-1V	40+/-2V	10+/-0.5V	20+/-1V	40+/-2V
Over Voltage Protection	15.5+/-0.5V	31+/-1V	62+/-2V	15.5+/-0.5V	31+/-1V	62+/-2V
Low Voltage Recovery	12+/-0.5V	24+/-1V	48+/-2V	12+/-0.5V	24+/-1V	48+/-2V
Over Voltage Recovery	14.8+/-0.5v	29.5+/-1V	59+/-2V	14.8+/-0.5V	29.5+/-1V	59+/-2V
Protective Function	Low/Over voltage		LED Red light, automatic recovery			
	Over load		LED Red light, automatic recovery			
	Over temperature		LED Red light, automatic recovery			
	Short circuit		LED Red light, automatic recovery			

	Input reverse connection	Fuse Burn-out
Working Temp.	0-40°C	
Storage Temp Humidity	(-30)-70°C	
Dimension	205*146*73mm (L*W*H)	
Net Weight	1kg	
Warranty	12 Months	

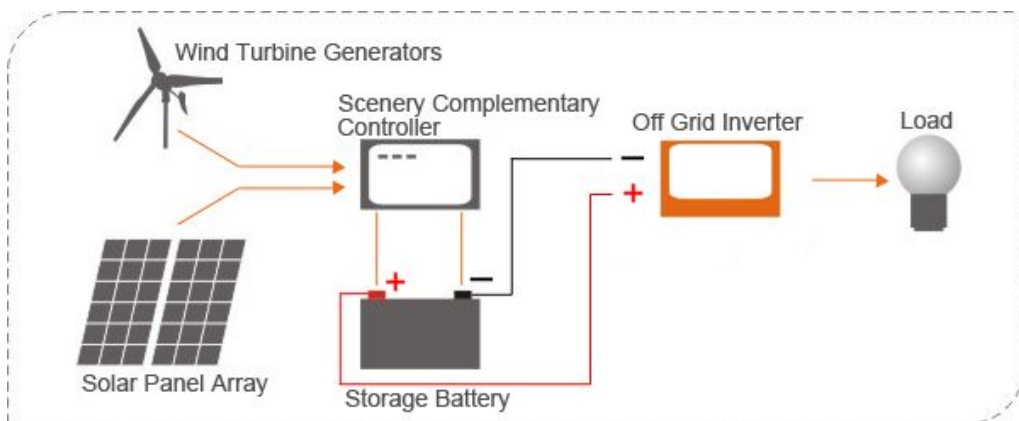
Accessories

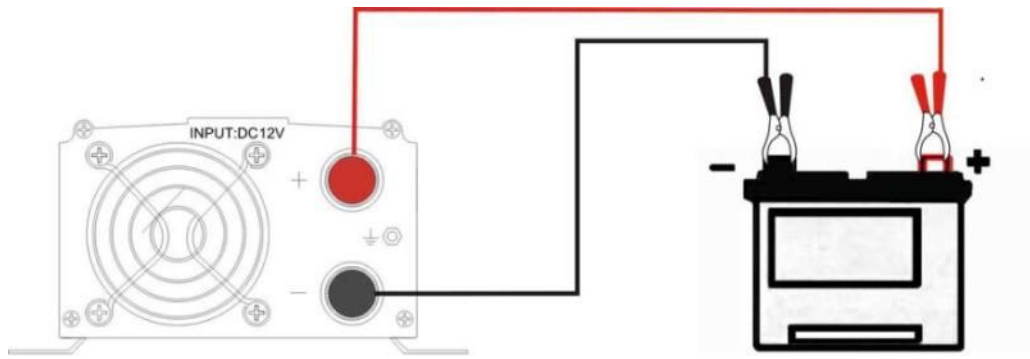
Model No.	Input Voltage	Specification	Picture
300PS	12VDC	Cables: 4mm ² 60cm Clamp * 1 pair	
	24VDC	Cables: 2.5mm ² 60cm Clamp * 1 pair	
	48VDC	Cables: 2.5mm ² 60cm Clamp * 1 pair	

Outline Dimensions



Battery Connection Diagram





Installation

1. Put the inverter switch on **OFF** position and then clip the battery clamps on the positive and negative terminals of the battery.
2. **Note the positive and negative polarity:** the red clip line "O"-shaped terminal should be connected with the red terminal of inverter, the black "O"-shaped terminal should be connected with the black terminals of inverter. Then the red clip connects the battery positive pole, the black clip connects the negative pole of the battery.
3. Turn on the inverter switch. If the light is **green**, the inverter works **normally**. If **red**, inverter is faulty. Please check the wires connection.
4. Put the plug of the electric equipment into the outlet of the inverter and turn on the switch. If the indicator light is **green**, the electric appliance works **normally**.
5. Operation procedure: When you use the inverter, please **turn on the inverter firstly, and then turn on the electric appliances**. When you stop using the inverter, **please turn off the electric appliance firstly, and then turn off the inverter**.
6. When the inverter is working, if the buzzer alarms and the light is red, it indicates that the inverter fails. The user should check the wires connection, DC input voltage and the peak power of loads, etc. After the fault is canceled, the inverter restarts automatically.

Warning

- ▲ Do not put the inverter in the raining or humid place, it may cause electric shock.
- ▲ Do not insert metals like naked wire into the output socket or inside the inverter through ventilation hole. Otherwise it may cause electric shock.
- ▲ Do not put the inverter in the place where children can reach, it may cause injure and electric shock.
- ▲ When the power inverter is used for a long time, it will be hot, please be careful.
- ▲ Keep the inverter from flammable materials, fumes or gases when used.
- △ Proper cooling is necessary while operating.
- △ Please insure the inverter is put at "OFF" position when the vehicle is started, otherwise the large instant peak voltage will possibly damage the inverter or its connected electric appliance.
- △ Reliable connection of the inverter input and DC power output is necessary as the input current is considerable large when inverter is running.

Notice: the signals with

- ▲ are the operations which may cause the personal security. The signals with
- △ are the operations which may cause the machine damaging.