



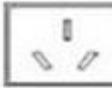
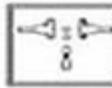
**NV-P600**

## Description

### Application:

1. Field operation : lighting, drilling, disaster relief, commercial promotions.
2. Hospital emergency rescue: surgical lighting, equipment use, etc.
3. Home Appliance: Electronic energy-saving fluorescent, incandescent, small television sets, refrigerator, etc.
4. Energy: solar system, wind system .

### Components Display :

							
<b>A</b> USA	<b>B</b> AUSTRALIA	<b>C</b> UNIVERSAL	<b>D</b> Europe+USA+Japan	<b>E</b> U.K	<b>F</b> FRANCE	<b>G</b> GERMANY	<b>GFCI</b> USA-GFCI

**5V USB Port**



**battery clamp**



**aluminum alloy**



**grounding wire**



**protection function**

**overcharge, discharge, short circuit, overload, reverse polarity**



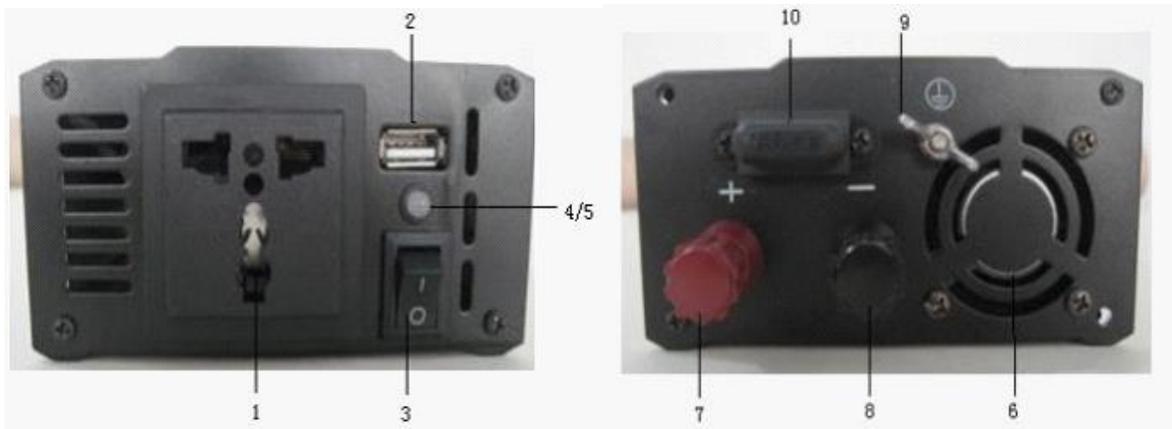
**high temperature resistance cigarette lighter**



**cooling fan**

fan has low noise, low power consumption, long life, mute, cooling, let inverter charging process safety and efficiency, greatly improving the product service life and working efficiency

## character :



- 1--- **AC output outlets** : can choose the socket type as you like .Output voltage 110V AC or 220V AC .
- 2---**USB port** : DC 5V , 500mA
- 3---**AC switch** : Enables output AC power at the AC outlets when switched ON.
- 4---**Green LED light** : indicates AC power is present at the AC outlets and the inverter is operating normally.
- 5---**Red LED light** : indicates inverter shutdown caused by low or high voltage, overload or excessive temperature .
- 6---**Thermovent** : with small fan built inside , can lower the temperature of inverter .
- 7---**Positive terminal** : connect with the positive (+) side of the battery .
- 8---**Negative terminal**: connect with the negative (-) side of the battery .
- 9---**Ground terminal** : connect to the ground , counseling electrical power .
- 10--- **Fuse** : can protect the inverter when the current is too excessive .

## Auto protect functions:

These advanced safety features are built into the inverter. Electronic overload protection with automatic shutdown.  
Built-in internal backup DC fuse provides added safety.  
Low battery voltage warning followed by automatic shutdown.  
High input voltage protection with automatic shutdown.  
Over temperature protection with automatic shutdown.  
Output short circuit protection.

## Parameter :

Model	600-121	600-122	600-241	600-242
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Rated Power	600W			
Peak Power	1200W			
Input Voltage	DC12V		DC24V	
Output Voltage	110V	220V	110V	220V
Output waveform	Pure Sine Wave			
Input voltage	12V/24V			
Output voltage	110-120V/220-240V AC			
Output frequency	50/60Hz $\pm$ 3			
USB port	5V 500mA (optional)			
Optimum Efficiency	90 %			
No Load Current Draw	less than 0.5A (12V),less than 0.4A(24V)			
Low Battery Alarm	DC 10.5~11.5V , 21.5~23V			
Auto Low Battery Shutdown	DC 9.5~10.5V, 20.5~22V			
Cooling Fan	double			
AC Receptacles	double			
Certification	CE , RoHS, FCC			
N.W./unit	2.3kg			
Packing	10pcs/carton , Gift box			
Warranty	12 months			

### Caution :

1. Do not connect live AC power to the inverter's AC outlets. The inverter will be damaged even if it is switched off.
2. Do not expose the inverter to temperatures exceeding 104°F (40°C)
3. Wrong rated DC input will not supply enough voltage or damage the inverter.
4. Any internal adjustment on the inverter is prohibit!
5. Do not use the inverter with the following equipment:
  - a. Small battery operated products such as rechargeable flashlights, rechargeable shavers, and night-lights that are plugged directly into an AC receptacle to recharge.
  - b. Certain battery chargers for battery pack used in hand powered tools. These chargers will have warning labels stating that dangerous voltages are present at the charger's battery terminals