

# SMART POWER INVERTER

## SMART POWER INVERTER 600W

Inverter Expert

WITH DIGITAL DISPLAY



### ■ Features

- ▶ 1. ABS materials new case.
- ▶ 2. USB output port optional
- ▶ 3. DC cigarette lighter plug and heavy duty cable with clamps as spare accessory
- ▶ 4. It is equipped with numerous protection functions: low voltage alarm & shutdown, over voltage alarm & shutdown, overload, overheating, short circuit, reverse polarity, earth leakage etc. protections.
- ▶ 5. Output socket type : A,B,C,D,E,F,G, H, I type optional
- ▶ 6. ON/OFF button press control
- ▶ 7. LED digital display :

Input voltage (V)

Output power (W)

Protections Status:

A: warning: A-1 overload warning A-2 overheat warning A-3 less voltage warning

P: Protection: P-1 overload protection P-2 over heat protection P-3 less voltage protection P-4 over voltage protection

AC Output Receptacles(optional)



USB



RoHS



CE - LVD/EMC

1.5

YEAR LIMITED WARRANTY



### ■ SPECIFICATION:

Model	PID600-121	PID600-122	PID600-121	PID600-122
AC Voltage	110V	230V	110V	230V
AC Voltage Range	100-120V AC	220-240V AC	100-120V AC	220-240V AC
AC Regulation	± 10%			
Rated Power	600W			
Peak Power	1200W			
Waveform	Modified Sine Wave			
Frequency	50/60Hz ± 3			
No Load Current Draw	≤ 0.35A			
Efficiency	≥ 90%			
USB	5V 2.1A			
LED Digital Display	A. Warning: A-1 overload warning A-2 overheat warning A-3 less voltage warning		P: Protection: P-1 overload protection P-2 over heat protection P-3 less voltage protection P-4 over voltage protection	
Cooling fan	Running once connect with AC loads / control by temperature			
DC Voltage	12V		24V	
Voltage Range	9.5~16V DC		19~32V DC	
DC Current	30A		15A	
DC Connector	600mmDC cable with cigarette lighter plug *1 ea, battery cable*2ea			
Low Voltage Alarm	10 ± 0.5V DC		20 ± 1V DC	
Low Voltage Shutdown	10.5 ± 0.5V DC		21 ± 1V DC	
Reset Voltage after L.V.S	11.8V		23.6V	
Overload	Shut off o/p voltage, auto.reset			
Over Voltage	15~16V DC		30~32V DC	
Over Temperature	Shut off o/p voltage, auto. Reset			
Output Short-circuit	Shut off, auto.reset			
Reverse Polarity	by fuse open			
Replaceable Fuse	40A*2		20A*2	
Soft Start	Yes. 3~5s			
Earth Leakage	shut off o/p voltage			
Working Temp.	0~30°C = @ 100% load; 40°C = @ 50% load			
Working Humidity	20%~90% RH non-condensing			
Storage Temp., Humidity	-30~+70°C / -22~+158°F, 10~95%RH			
Temp. Coefficient	10%~90% RH			
Isolation Resistance	I/P-O/P: 100M Ohms/500VDC/25/70%RH			
EMI Conduction & Radiation	Compliance to EN55022 class B, 72/245/CEE, 95/64/CE			
EMS Immunity	Compliance to EN61000-4-2,3			
LVD	Compliance to EN60950			
E8	10R-03 1272			
N.W.(g)	880g			
Dimension(cm)	242*116*59.3mm			
Packing	Blister/Gift box, 15 units/20Kg/Ctn(51*31*45cm )			
Output Socket	A, B, C, E, F, G, H, I, J, K optional			

Note: Specification prior to change without notice (If no need USB, pls contact our sales).