

# SMART POWER INVERTER 600W

WITH LED DIGITAL DISPLAY **Inverter Expert**



## ■ 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 <sup>E6</sup> RoHS CE-LVD/EMC 1.5 YEAR LIMITED WARRANTY



## ■ SPECIFICATION:

Model	PID600-121	PID600-122	PID600-241	PID600-242	
Output	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			
Input	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			
Protection	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			
Environment	Earth Leakage	shut off o/p voltage			
	Working Temp.	0~30℃ = @ 100% load; 40℃ = @ 50% load			
	Working Humidity	20%~90% RH non-condensing			
	Storage Temp., Humidity	-30~+70℃ / -22~+158°F, 10~95%RH			
Safety&EMC	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			
Other	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).