

# 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



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

AC Output Receptacles(optional)



## ■ SPECIFICATION:

Model	PID600-121	PID600-122	PID600-241	PID600-242
Output	AC Voltage	110V	230V	110V
	AC Voltage Range	100-120V AC	220-240V AC	100-120V 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).