

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 RoHS 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	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			
	Temp. Coefficient	10%~90% RH			
Safety&EMC	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			
Other	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, Koptional			

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