

# DC TO AC POWER INVERTER

## PI600U-600W WITH USB 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. TWO LED indicators on bottom of inverter display the working, failure or protection status.

AC Output Receptacles(optional)



### ■ SPECIFICATION

Model		PI600-121	PI600-122	PI600-241	PI600-242
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(optional)			
Cooling fan	Running once connect AC loads / temperature control (optional)				
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 DC 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			
Earth Leakage	Shut off o/p voltage				
Environment	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			
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			
Other	N.W.(g)	870g			
	Dimension(cm)	242*116*59.3mm			
	Packing	Double-side blister / box, 18 units/23Kg/Ctn(60*35*45cm)			
	Output Socket	A, B, C, E, F, G, H, I optional			

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