

SMART POWER INVERTER 300W

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)



■ SPECIFICATION:

Model	PID300-121	PID300-122	PID300-121	PID300-122	
Output	AC Voltage	110V	230V	110V	
	AC Voltage Range	100-120V AC	220-240V AC	100-120V AC	
	AC Regulation	±10%			
	Rated Power	300W			
	Peak Power	600W			
	Waveform	Modified Sine Wave 			
	Frequency	50/60Hz±3			
	No Load Current Draw	≤ 0.35A			
	Efficiency	≥90%			
	USB	5V 500mA(optional)			
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	20A		
	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 chass B, 72/245/CEE, 95/64/CE			
	EMS Immunity	Compliance to EN61000-4-2,3			
	LVD	Compliance to EN60950			
Other	N.W.(g)	355g			
	Dimension(cm)	19.5*10.2*5.55cm			
	Packing	Blister/Gift box, 18 units/12.6Kg/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).

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