

SMART POWER INVERTER PID150-150W

WITH DIGITAL DISPLAY **Inverter Expert**



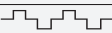
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FEATURES

- ▶ 1.Small in size and portable, high efficient
- ▶ 2.12V DC input
- ▶ 3.USB output : 5V 1A (for iphone ,ipad etc) or 500mA optional
- ▶ 4.Can be used both in car and airplane
- ▶ 5.LED digital display :
 - Input voltage (V)
 - Output power (W)
 - Protections Status:
 - A: warning: A-1 overload warning
 - A-2 overheat
 - 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
- ▶ 6.Output socket type optional
- ▶ 7.Protections: low voltage, over voltage, overload, overheating, short circuit, reverse polarity
- ▶ 8.CE-LVD/EMC, RoHS, E-mark certificated.
- ▶ 9.18months warranty

USB E8 RoHS CE-LVD/EMC 1.5 YEAR LIMITED WARRANTY

SPECIFICATIONS

Model	PID150-121	PID150-122
O/P AC Voltage	110V	230V
O/P AC Voltage Range	100-120V AC/220V-240V AC	
Rated Power	120W	
Peak Power	240W	
O/P Waveform	Modified Sine Wave 	
O/P Frequency	50/60Hz±3Hz	
No Load Current Draw	≤ 0.4A	
Efficiency	≥90%	
USB O/P (optional)	5V 1A(for iphone, ipad)	
LED Digital Display	Input Voltage, Output Power, Protection Status	
DC Voltage	12V	24V
Voltage Range	9.5~16V DC	19~32V DC
DC Connector	600mm cigarette lighter plug *1 ea(can be used both in car&airplane)	
Low Voltage Shutdown	10.5±0.5V DC	21±1V DC
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	20A	10A
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	
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	
N.W.(g)	220g	
Dimension(cm)	135*80*29mm	
Packing	Double-side Blister,40 units/13.2Kg/Ctn(50*30*38.5cm)	
Output Socket	USA,K type.(optional)	

Note: Specification prior to change without notice