

DC-AC Inverters

**POWER
SOLVE**

PSI600 Series 600 Watt

www.powersolve.co.uk

Features

- Solid State design
- Compact and lightweight
- High efficiency up to 90%
- Thermal protection
- On/Off switch
- 12VDC or 24VDC inputs
- 230Vac output (115Vac optional)



Electrical Specification

Input Voltage	See table
Output Voltage	230Vac \pm 5% (115Vac optional)
Output Waveform	Quasi Sine Wave
Output Frequency	50Hz (60Hz for 115Vac output)
Efficiency	Up to 90%
Low Battery Alarm	11VDC \pm 0.5VDC (12V Input) 21VDC \pm 1.0VDC (24V Input)
Low Battery Shutdown	10.5VDC \pm 0.5VDC (12V Input) 20VDC \pm 1.0VDC (24V Input)
Thermal Protection	60°C \pm 10°C
Overload Protection	By thermal shutdown
Short Circuit Protection	Via input fuse
Input Polarity Protection	Via input fuse
Dimensions	290 x 173 x 65mm
Weight	2.1Kgs
Input Connector	900mm flying lead with croc clips
Output Socket	Stock items UK or Euro 3 pin (/EU)
Cooling	Integral fan
Safety	CE and E marks

Input Voltage and Current Ratings

MODEL	DC INPUT	INPUT FUSE	STANDBY CURRENT	OUTPUT POWER (continuous)	OUTPUT POWER (peak)
PSI600/12	10.5-15V	4 x 20A	0.90A typical	600W	900W
PSI600/24	21.5-30V	2 x 20A	0.50A typical	600W	900W

NOTE:

For European output socket add /EU to model number. Example PSI600/12/EU
For 115Vac output option consult sales office