

# Sine Wave DC-AC Power Inverters



## PSIT150 Series 150 Watt

[www.powersolve.co.uk](http://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 Sine Wave output (115Vac optional)



### Electrical Specification

Input Voltage	See table
Output Voltage	230Vac $\pm$ 5V (115Vac optional)
Output Waveform	True Sine Wave
Output Frequency	50Hz (60Hz for 115Vac output)
Efficiency	Up to 85%
Low Battery Alarm	10.5VDC $\pm$ 0.5VDC (12V Input) 21VDC $\pm$ 1.0VDC (24V Input)
Low Battery Shutdown	10VDC $\pm$ 0.5VDC (12V Input) 20VDC $\pm$ 1.0VDC (24V Input)
High Battery Shutdown	16VDC $\pm$ 0.5VDC (12V Input) 32VDC $\pm$ 1.0VDC (24V Input)
Thermal Protection	60°C $\pm$ 10°C
Overload Protection	By thermal shutdown
Short Circuit Protection	Electronic
Input Polarity Protection	Via input fuse
Dimensions	210 x 120 x 55mm
Weight	1.8Kgs
Input Connector	Fused automotive cigar plug
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
PSIT150/12	10-16V	20A	0.6A typical	150W
PSIT150/24	20-32V	10A	0.4A typical	150W

#### NOTE:

For European output socket add /EU to model number. Example PSIT150/12/EU  
For 115Vac output option consult sales office