

Sine Wave DC-AC Power Inverters



PSIT300 Series 300 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 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	2.1Kgs
Input Connector	Screw terminal posts
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
PSIT300/12	10-16V	40A	0.7A typical	300W
PSIT300/24	20-32V	20A	0.4A typical	300W

NOTE:

For European output socket add /EU to model number. Example PSIT300/12/EU

For 115Vac output option consult sales office