

SI SERIES

DC/AC Sine Wave Inverters: 150-1000 Watts



Features

- 230VAC sinusoidal output waveform
- 12V and 24VDC input options
- Four power levels 150 - 1000 watts
- Short circuit protection
- Low battery shutdown
- Built-in alarm
- Suitable for use with a wide range of electrical equipment, including electric motors, computers, TV/Video, instruments etc.
- Light weight
- High efficiency 90%

Description

The **SI** series DC/AC Sine wave inverters offer a low cost solution for providing 230VAC power to a wide range of consumer electrical products, from an existing 12V or 24VDC battery supply.

The 230VAC output is a true Sine wave inverter and perfect to use with TV, Video, Computers, a range of electrical appliances, electric motors and many other instruments.

General Specifications

Input Voltage:	12VDC (10 - 15) 24VDC (20 - 30)
Output Voltage:	230VAC
Output Frequency:	50Hz
Output Power:	150 - 1000 watts
Output Waveform:	Sine wave
No Load Current:	150W: 0.3A @ 12V, 0.5A @ 24V 300W: 0.7A @ 12V, 0.4A @ 24V 600W: 1.4A @ 12V, 1.0A @ 24V 1000W: 1.8A @ 12V, 1.0A @ 24V
Efficiency:	Typically 90%
Low Battery Alarm:	10.7V for 12V input models 21.4V for 24V input models
Low Battery Shutdown:	10V for 12V input models 20V for 24V input models
EMI:	EN61000-6-3
Immunity:	EN61000-6-1
Operating Temp:	20°C to +40°C at rated load.
Protection:	Input low voltage Input over voltage Low Battery Output short circuit Over temperature
Cooling:	Fan cooled
DC Terminals:	150W: battery clips 300-1000W: screw terminals
AC Output Socket:	Euro plug with Australian plug adaptor
Dimensions/Weight:	150W: 220 x 150 x 67mm 1.2Kg 300W: 220 x 150 x 67mm 1.75Kg 600W: 290 x 240 x 83mm 3.0Kg 1000W: 400 x 240 x 83mm 4.0Kg • Euro plug adaptor adds 15mm to length

Options

PP-4023: Euro/Australian AC Plug adaptor (Supplied with each unit).

Model	Input	Output		Power Peak W
		Voltage	Power	
SI2284 - 12	12V	230VAC	150W	300W
SI2285 - 12	12V	230VAC	300W	500W
SI2286 - 12	12V	230VAC	600W	1000W
SI2287 - 12	12V	230VAC	1000W	2000W
SI2284 - 24	24V	230VAC	150W	300W
SI2285 - 24	24V	230VAC	300W	500W
SI2286 - 24	24V	230VAC	600W	1000W
SI2287 - 24	24V	230VAC	1000W	2000W