SI2200 SERIES

DC/AC Sine Wave Inverters: 150-1000 Watts

Features

- 230 VAC Sine wave output
- 12V and 24 VDC input options
- Four power levels 150 - 1000 watts
- Low battery shutdown
- CE marked
- Ideal for industrial and mobile applications
- Suitable for appliance with electric motors, computers, and all types of electrical equipment
- Light weight
- High efficiency 90%

MODEL	Input	Output Voltage	Output Power	Power Peak W
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

Specifications

INPUT : 12 VDC (10~15)
24 VDC (20~30)

OUTPUT VOLTAGE: 230 VAC nominal

OUPUT FREQUENCY: 50Hz

OUTPUT POWER: 150 - 1000 watts refer to table

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, 1A @ 24V
1000W: 1.8A @ 12V, 1A @ 24V

EFFICIENCY: 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

ELECTRICAL SAFETY: EN60950

EMISSIONS: EN50081-1

IMMUNITY: EN50082-1

PROTECTION:
- Input low voltage
- Input over voltage
- Low Battery
- Short circuit/overload
- Over temperature

MTBF: Typically 63,000 hours

OPERATING TEMP: -20°C to 40°C at full load

DC TERMINALS: 150W: Battery clips
300~1000W: Screw terminals

AC OUTPUT SOCKET: Europlug with Australian plug adaptor

DIMENSIONS & WEIGHT:
150W: 190 x 150 x 65mm 1.2kg
300W: 285 x 150 x 65mm 1.75kg
600W: 335 x 263 x 83mm 3kg
1000W: 395 x 263 x 83mm 4.2kg

CE