



Solar Sine Wave Inverter

SALIENT FEATURES

- Pure Sine Wave output with no Total Harmonic Distortion (THD).
- High End Micro controller based design.
- High Efficiency.
- Pulse by Pulse current limiting with auto-reset resulting in efficient overload and short circuit protection.
- Battery pole reversal protection & Battery deep discharge protection.
- High Surge Capability (upto 300%) for starting heavy load.
- High Reliability.
- Noiseless in operation.
- User-friendly display.



400W to 2000W



TECHNICAL SPECIFICATIONS

Model	400W/12V	500W/24V	750W/24V	1000W/24V	1600W/48V	2000W/48V
Rated Power	400W	500W	750W	1000W	1600W	2000W
INPUT						
Nominal Input Voltage	12VDC	24VDC	24VDC	24VDC	48VDC	48VDC
Input Voltage Range (DC)	10.5-15.5VDC	21.0-31.0VDC	21.0-31.0VDC	21.0-31.0VDC	42.0-62.0VDC	42.0-62.0VDC
Battery Low Alarm	10.7VDC	21.5VDC	21.5VDC	21.5VDC	43.0VDC	43.0VDC
Battery Low Shutdown	10.5VDC	21.0VDC	21.0VDC	21.0VDC	42.0VDC	42.0VDC
OUTPUT						
Efficiency	85%					
Output Voltage	110VAC 60Hz / 220VAC 50Hz					
Voltage regulation	+/- 3 % to +/- 10% RMS					
Frequency Regulation	60Hz +/- 0.1Hz / 50Hz +/-0.1Hz					
Output Waveform	Sine Wave					
THD	<5%					
Overload	Above 110%					
Protection	Overload, Short circuit, Reverse polarity through DC fuse, Over/Under input voltage, Over temperature					
GENERAL						
Operating Temperature Range	0°C to +40°C					
Storage temperature Range	-20°C to +70°C					
Thermal Management / Cooling	Controlled Forced air cooling					
Relative Humidity	0-95% Non Condensing					
Dimensions-WxDxH (in m.m.)	200 x 361 x 85	240 x 380 x 100			250 x 450 x 125	250 x 450 x 125
Weight (in kgs.)	3.8kg	5.4Kg	6.0Kg	8.0Kg	9.0Kg	
INDICATIONS						
Low battery, Overload / Short circuit, Inverter on						

Specifications are subject to change without prior notice.



Fortune CP Ltd.
43 Chandlers Drive, Erith (UK)
Tel/Fax:(44)1322439914
Website: www.fortunecp.co.uk, Website: www.solar2renewableenergy.com

PRODUCT CERTIFIED WITH

