

# Solar SINE WAVE INVERTER



**METRO**



## TECHNICAL SPECIFICATIONS

Model	100W/12V	200W/12V	300W/12V	400W/12V	500W/24V	750W/24V	1000W/24V	1600W/48V	2000W/48V	
Rated Power	100W	200W	300W	400W	500W	750W	1000W	1600W	2000W	
<b>INPUT</b>										
Nominal Input Voltage	12VDC				24VDC			48VDC		
Input Voltage Range (DC)	10.5-15.5VDC				21.0-31.0VDC			42.0-60.0VDC		
Battery Low Alarm	10.7VDC				21.5VDC			43.0VDC		
Battery Low Shutdown	10.5VDC				21.0VDC			42.0VDC		
<b>OUTPUT</b>										
Efficiency	85%									
Output Voltage	120VAC, 60Hz / 220VAC, 50Hz									
Voltage Regulation	± 3% to ± 10% RMS									
Frequency Regulation	60Hz ± 0.1Hz / 50Hz ± 0.1Hz									
Output Waveform	Sine Wave									
THD	<5% (On Linear Loads)									
Overload	Above 110%									
Protection	Overload, short circuit, Reverse polarity through DC fuse, Over/Under input voltage, Over temperature									
<b>GENERAL</b>										
Operating Temperature Range	0°C to + 40°C									
Storage Temperature Range	0°C to + 55°C									
Thermal Management / Cooling	Controlled Forced air cooling									
Relative Humidity	0-95% Non-Condensing									
Dimensions-WxDxH (in mm)	290 x 180 x 90				361 x 200 x 90			515 x 250 x 150		
Weight (in Kgs.)	2.5Kg	3.5Kg	3.7Kg	3.8Kg	7.0Kg	9.7Kg	12.2Kg			
INDICATIONS	Low Battery, Overload / Short Circuit, Inverter ON									
LCD Display	Output Voltage, Load Level, Battery Level, Low Battery, Overload, Short Circuit, Inverter ON etc.									

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