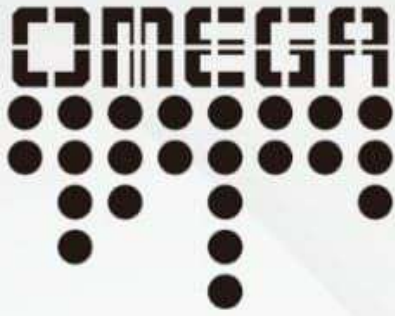




SOLAR HOME INVERTER

- › Upgraded generation smart and intelligent solar inverter
- › Wide input voltage range
- › New Smart LCD Display for complete information
- › Battery equalization
- › Adaptable to Grid voltage / Generator Power
- › Configurable AC/ Solar input priority via LCD Setting
- › Advanced MPPT Solar Charger 50A Upgraded Omega Porsche Series





1.4KVA / 2.4KVA SOLAR INVERTER SELECTION

MODEL	1.4Kva	2.4Kva
		
CAPACITY	1200VA / 900W	2400VA / 1600W
INPUT		
Voltage	230 VAC	
Selectable Voltage Range	90 - 280 VAC	
Frequency Range	50 Hz/60 Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Ball. Mode)	230 VAC $\pm 10\%$	
Overload Capability	Load $> 110\% \pm 15\%$, alarm 5 minutes and then inverter fault If decreasing the load until lower than 100%, the overload alarm can release. Load $> 130\% \pm 15\%$, inverter fault immediately	
Efficiency (Peak)	82%	85%
Transfer Time	20 ms	
Waveform	Simulated Sine Wave	
BATTERY		
Battery Voltage	12 VDC	24 VDC
Floating Charge Voltage	13.7 VDC ± 0.5 VDC	27.4 VDC ± 0.5 VDC
Overcharge Protection	15.0VDC ± 0.5 VDC	30.0VDC ± 1 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	MPPT
Maximum PV Array Open Circuit Voltage	100 VDC	100 VDC
Maximum PV Array Power	600 W	1200 W
MPP Range @ Operating Voltage	15 ~ 80 VDC	30 ~ 80 VDC
Maximum Solar Charge Current	50A	50A
Maximum AC Charge Current	10A/20A	10A/20A
Maximum Charge Current	50A	50A
PHYSICAL		
Dimension, D X W X H (mm)	282 x 212 x 127	
Net Weight (kgs)	4.5	4.8
OPERATING ENVIRONMENT		
Humidity	0 to 90% Relative Humidity (Non-condensing)	
Operating Temperature	0°C to 40°C	
Storage Temperature	-15°C to 50°C	

Product specifications are subject to change without further notice