

OMEGA MS



OMEGA MS 1K OMEGA MS 2K/3K OMEGA MS 4K/5K

MODEL	OMEGA MS 1K	OMEGA MS 2K	OMEGA MS 3K	OMEGA MS 4K	OMEGA MS 5K
Rated Power	1000VA / 800W	2000VA/1600W	3000VA / 2400W	4000VA / 3200W	5000VA / 4000W
INPUT					
Voltage	230 VAC				
Selectable Voltage Range	170-280 VAC (For Personal Computers) 90-280 VAC (For Home Appliances)				
Frequency Range	50 Hz/60 Hz (Auto sensing)				
OUTPUT					
AC Voltage Regulation (Batt. Mode)	230VAC ± 5 %				
Surge Power	2000VA	4000VA	6000VA	8000VA	10000VA
Efficiency (Peak)	90%		93%		
Transfer Time	10 ms (For Personal Computers) 20 ms (For Home Appliances)				
Waveform	Pure sine wave				
BATTERY					
Battery Voltage	12 VDC	24 VDC		48 VDC	
Floating Charge Voltage	13.5 VDC	27 VDC		54 VDC	
Overcharge Protection	15 VDC	30 VDC		60 VDC	
Maximum Charge Current	10 A or 20 A	20 A or 30 A		20 A or 30 A	
SOLAR CHARGER (OPTION)					
Charging Current	50A				
Maximum PV Array Open Circuit Voltage	30 VDC	60 VDC		90 VDC	
Standby Power Consumption	1 W	2 W		2W	
PHYSICAL					
Dimension, D x W x H (mm)	95 x 240 x 316	100 x 272 x 355		120 x 295 x 468	
Net Weight (kgs)	5.0	6.4	6.9	9.8	9.8
OPERATING ENVIRONMENT					
Humidity	5% to 95% Relative Humidity(Non-condensing)				
Operating Temperature	0°C - 55°C				
Storage Temperature	-15°C - 60°C				

*Typical transfer time for parallel operation is 30ms.

Product specifications are subject to change without further notice

Características

- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications

