

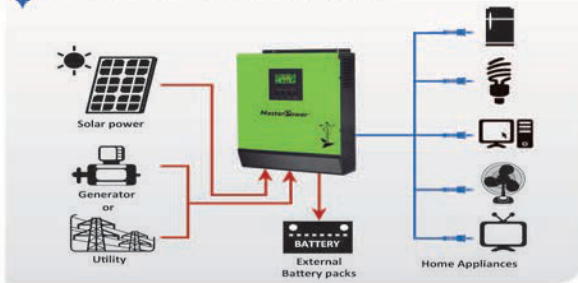
OMEGA MS

Off-Grid

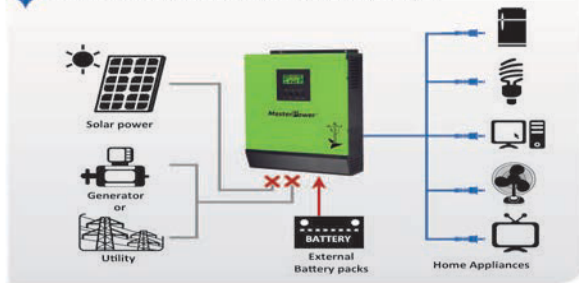


- Pure sine wave inverter
- Selectable input voltage range for home appliances and personal computers
- Selectable charging current based on applications
- Configurable AC/Solar input priority via LCD setting
- Compatible to mains voltage or generator power
- Parallel operation with up to 6 units only available for 4KVA/5KVA
- Auto restart while AC is recovering
- Overload and short circuit protection
- Smart battery charger design for optimized battery performance
- Cold start function
- Optional remote panel available

1 Solar Power and AC Power available



2 Solar Power and AC Power not available



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	15.5 VDC		31 VDC				60 VDC					
SOLAR CHARGER & AC CHARGER												
Maximum PV Array Open Circuit Voltage	50VDC		60VDC				105VDC					
Standby Power Consumption	1 W		2 W				2W					
Maximum Solar Charge Current	50A		50A				50 A					
Maximum AC Charge Current	20 A		30 A				60 A					
Maximum Charge Current	50 A				110 A							
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											

Product specifications are subject to change without further notice.