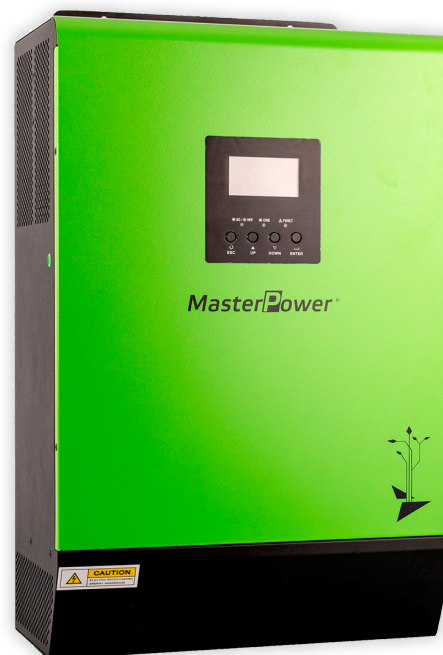


Omega Series **M 5K-24** OFF-GRID INVERTER



Features

- Pure sine wave inverter.
- Output power factor 1.
- Built-in battery equalization function to extend battery life cycle.
- Built-in MPPT solar charge controller.
- 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.
- Battery equalization for optimized battery performance and lifecycle.
- Parallel operation with up to 9 units.
- Optional remote panel available.

Technical Specifications

Rated Power	5000 VA / 5000 W
Parallel Capacity	Yes, 9 units
INPUT	
Voltage	230 VAC
Selectable Voltage Range	170 - 280 VAC (For Personal Computers); 90 - 280 VAC (For Home Appliances)
Frequency Range	50 / 60 Hz ((Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC \pm 5%
Surge Power	6000 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Consumption	40 W
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	54 VDC Max. 58 VDC (optional 64 VDC, please check with sales)
Overcharge Protection	60 VDC (optional 66 VDC, please check with sales)

Technical Specifications

SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	4000 W
MPPT Range @ Operating Voltage	60 VDC ~ 115 VDC
Maximum PV Array Open Circuit Voltage	145 VDC
Maximum Solar Charge Current	80 A
Maximum AC Charge Current	60 A
Maximum Charge Current	140 A
PHYSICAL	
Dimension, D x W x H	120 x 295 x 468 mm
Net Weight	13.5 kg
Communication Interface	USB / RS232
ENVIRONMENT	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	0°C to 55°C
Storage Temperature	-15°C to 60°C

Product specifications are subject to change without further notice.