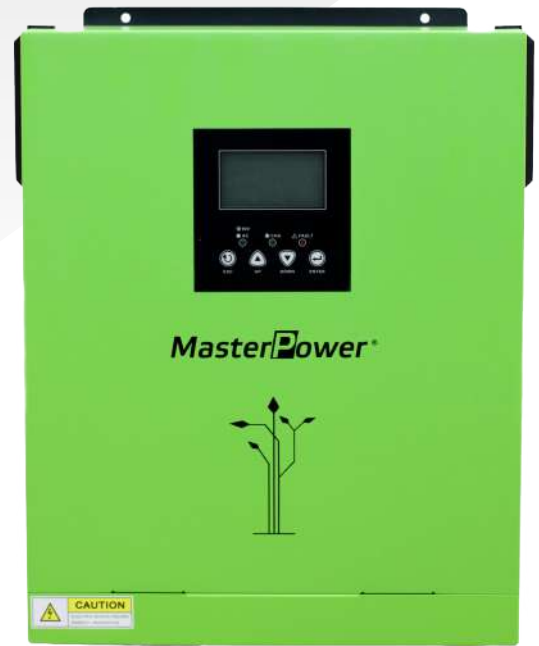


INVERTER

MF-0ME-UM3KV2

OFF-GRID

MasterPower®



Features

- Pure sine wave solar inverter.
- Communication port reserved for BMS.
- Wide PV input range, starting at 30 VDC for the 1.2K/2.5K/3K-24V models.
- Battery-independent design.
- Maximum charging current of 100 A.
- Battery equalization function to optimize performance and extend battery life.
- Built-in dust protection kit.
- Wi-Fi functionality

Technical Specifications

Rated Power	3000 VA / 3000 W
ENTRANCE	
Voltage	230 VAC
Selectable Voltage Range	170 - 280 VAC (For Personal Computers); 90 - 280 VAC (For Household Appliances)
Frequency Range	50 Hz / 60 Hz (Automatic detection)
OUTPUT	
AC Voltage Regulation (Battery Mode)	230 VAC \pm 5%
Surge Power	6000 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Household Appliances)
Waveform	Onda sinusoidal pura
Inverter Standby Power Consumption	40 W
BATTERY	
Battery Voltage	24 VDC
Float Charging Voltage	27 VDC
Overload Protection	32 VDC

INVERTER

MF-OME-UM6KV2

OFF-GRID

Technical Specifications

SOLAR CHARGER AND AC CHARGER

Type of Solar Charger	MPPT
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Power of the Photovoltaic Array	3000 W
Maximum PV Input Current	13 A
MPP Range @ Operating Voltage	30 ~ 400 VDC (30-60 VDC with the battery connected)
Maximum Solar Charge Current	100 A
Maximum AC Load Current	80 A
Maximum Load Current	100 A

PHYSICIST

Dimensions (D x W x H)	110 x 288 x 390 mm
Net Weight	7.2 kg
Communication Interface	RS232 / RS485

ENVIRONMENT

Humidity	5% a 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

*Product specifications are subject to change without notice.