

INVERTER

MF-0ME-UM1.2KV2

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.

Technical Specifications

Rated Power	1200 VA / 1200 W
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)	230 VAC \pm 5%
Surge Power	2400 VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers); 20 ms (For Home Appliances)
Waveform	Pure sine wave
Inverter Standby Power Consumption	40 W
BATTERY	
Battery Voltage	12 VDC
Float Charging Voltage	13.5 VDC
Overload Protection	16 VDC

INVERTER

MF-0ME-UM1.2KV2

OFF-GRID

MasterPower®

Technical Specifications

SOLAR CHARGER & AC CHARGER

Solar Charger Type	MPPT
Maximum PV Array Open Circuit Voltage	350 VDC
Maximum PV Array Power	2000 W
Maximum PV Input Current	13 A
MPP Range @ Operating Voltage	30 ~ 300 VDC (30 ~ 60 VDC with the battery connected)
Maximum Solar Charge Current	100 A
Maximum AC Charge Current	80 A
Maximum Charge Current	100 A

PHYSICAL

Dimension, D x W x H (mm)	90 x 288 x 357 mm
Net Weight (kgs)	6.5 kg
Communication Interface	RS232 / RS485

ENVIRONMENT

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

Las especificaciones del producto están sujetas a cambios sin previo aviso.