



Off Grid Solar Inverter

micno

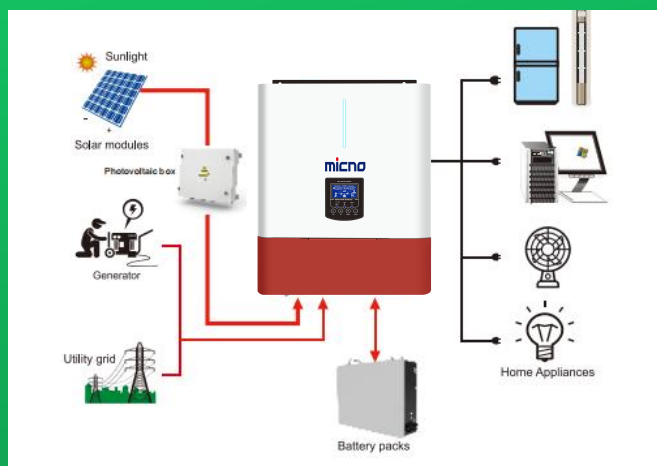


***Green Energy
Green World***

Features

- All in one off grid solar inverter
- Pure sine wave output
- LCD status display
- High DC to DC energy efficiency
- MPPT technology
- Built-in MPPT charge controller
- Programmable AC/PV source priority
- Generator compatible
- Wifi remote monitoring
- Built-in anti-duskkit for harsh environment
- Support lithium battery pack

Solar System Connection



Specification



MODEL NAME	MIC PLUS 1500-12	MIC PLUS 2500-24	MIC PLUS 3500-24	MIC PLUS 5500-48
Rated Power	1500W	2500W	3500W	5500W
Voltage	230 VAC			
Selectable Voltage Range	170-280 VAC (For personal computuers) 90-280 VAC (For home applications)			
Frequency Range	50HZ/60HZ (Auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt.mode)	230 VAC ±5%			
Surge Power	3000VA	5000VA	7000VA	11000VA
Efficiency (Peak) PV to INV.	97%			
Efficiency (Peak) Battery to INV.	94%			
Transfer Time	10 ms (For personal computers); 20 ms (For home applications)			
Waveform	Pure sine wave			
BATTERY & AC CHARGER				
Battery Voltage	12 VDC	24 VDC	24 VDC	48 VDC
Floating Charge Voltage	13.5 VDC	27 VDC	27 VDC	54 VDC
Overcharge Protection	16 VDC	33 VDC	33 VDC	61 VDC
Maximum Charge Current	80A	80A	120A	120A
SOC display	Shows battery state of charge in percentage and in voltahe as well (Optional)			
Works Without Battery	YES			
SOLAR CHARGER				
Maximum PV Array Power	2000W	3000W	4000W	6000W
MPPT Range @ Operating Voltage	60~430 VDC		60~450 VDC	
Maximum PV Array Open Circuit Voltage	450 VDC		500 VDC	
Maximum Charging Current	80A		120A	
Maximum Efficiency	98%			
PHYSICAL				
Dimension, D*W*H (mm)	128*300*363			
Net Weight (KG)	6.9	7	7.7	8.5
Communication interface	Standard:USB/RS232 Optional: RS485 & Wifi			
OPERATION ENVIRONMENT				
Humidity	5% to 95% relative humidity (Non-condensing)			
Operating Temperature	0°C-55°C			
Storage Temperature	-15°C-60°C			