

MIC 11000 Off-Grid Inverter



Main Features:

1. Dual outputs, for smart load management
2. Maximum PV input current increases to 27A
3. Wide PV input voltage range 90VDC ~ 450VDC
4. Status indication with RGB lights
5. Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
6. Supports USB On-the-Go function
7. Reserved communication port for BMS (RS485, CAN-BUS or RS232)
8. Replaceable fan design for ease of maintenance
9. Battery independent design
10. Selectable high power charging current
11. Compatible to Utility Mains or generator input
12. Built-in anti-dust kit
13. Optional DC output for DC fan, LED bulb, router and so on (only for 8K model)
14. Parallel operation with 6 units

High Frequency Solar Inverter

Technical Specifications:

Model	MIC 11000
Rated Power	11000VA/11000W
Parallel Capability	YES,6 units
INPUT	
Voltage	230 VAC
Select-able Voltage Range	170-280VAC (For Personal Computers) 90-280VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
OUTPUT	
AC Voltage Regulation (Batt. Mode)	230 VAC ± 5%
Surge Power	22000VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
DC Voltage	N/A
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
SOLAR CHARGER & AC CHARGER	
Solar charger type	MPPT
Max PV Array Power	11000W (5500W x 2)
MPP Range @operating Voltage	90 ~ 450 VDC
Max PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2(MAX 40A)
Max Solar Charge Current	150A
Max AC Charge Current	150A
Max Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
OPERATING ENVIRONMENT	
Humidity	5% to 95% Relative Humidity(Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C
STANDARD	
Compliance Safety	CE