



7.2 kW Off-Grid Inverter

Smart Energy Management

Safe | Reliable | User-friendly

Why use an Off-Grid Inverter?

The Magneto Max is a high-performance, fully automated solar inverter with Off-Grid capability. A compact single phase energy management solution.

Energy independence for peace of mind

An Inverter's function is to convert DC (Direct Current) generated from PV (Photo Voltaic) into usable AC (Alternating Current).

The Magneto Max Inverter uses Solar generation to produce pure sine wave AC, and by making use of battery backup, the automated system will supply, store and distribute electricity efficiently according to your needs.

Power For Peace Of Mind



2 YEAR WARRANTY

Model: IMI203 - 7.2kW Off-Grid Inverter



Pure sine wave



Output Power Factor 1



Built-in WiFi for online monitoring



Parallel compatible for up to 6 units



Compatible to utility Mains or generator input



LCD screen display



Customizable Status LED bar with RGB light



Built-in anti-dust filter

Off-Grid Inverter

MODEL	IMI203 - 7.2kW Off-Grid Inverter
Rated Power	7200VA*/7200W
Parallel Capability	YES, 6 units
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)	230VAC ± 5%
Surge Power	15000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 ms (For personal Computers) - 20 ms (For Home Applications)
Waveform	Pur Sine Wave
Optional DC Voltage	12 VDC ± 5%, 100W
BATTERY	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	80A
Maximum AC Charge Current	80A
Maximum Charge Current	80A
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



Contact our friendly and efficient team to discuss an energy solution that fits your lifestyle.

magneto
RENEWABLE ENERGY

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