

Micro Inverter Series

Modified Sine Wave Inverter
0.5kVA To 2.4kVA (0.6 PF)



Features

- User selectable for accepting wider input voltage.
- Fast charging capacity. Max.10A or 20A of charging current for choice.
- Full automatic operation
- Compact size for convenient use and storage.
- Rack-Tower design for flexible placement.
- Off mode charging function.
- Provides overload protection.
- Auto restart Function.
- LED indicators and buzzer alarms.
- Auto monitoring and managing battery.
- Intelligent charge control.



- 1.Status indicators
- 2.Power switch
- 3.Fan

- 1.AC input
- 2.Input breaker
- 3.Operation mode selector
- 4.External battery connectors
- 5.Output receptacles arrangement



Rear Panel

Technical Specifications:

MODEL	Mi500	Mi1200	Mi2400
Capacity (VA/Watts)	500 / 300	1200 / 720	2400 / 1440
INPUT			
Nominal input voltage	220/230/240Vac		
Operating voltage range	170~280Vac for Narrow range mode 90~280Vac for Wide range mode Narrow range setting can be used for general electrical appliance. Wide range setting can be used only for lamp or fan load.		
Nominal input frequency	50/60 Hz (auto sensing)		
OUTPUT			
Output voltage range (Batt. Mode)	Simulated sine wave at nominal voltage ±10%		
Output frequency (Batt. Mode)	50 or 60Hz ±1Hz		
Transfer time	20ms typical		
BATTERY			
Battery voltage(V)	12	12	24
Max. charge current(A)	10	20	20
Recharge time	Depends on the capacity of external batteries		
SYSTEM FEATURES			
Indicators	1.AC Mode: Green LED Lighting (Note: when battery is not full enough in line mode, the green LED will blink. At the same time, battery is being charged by high rate.) 2.Battery Mode: Yellow LED Lighting 3.Fault :Red LED lighting		
Protection	Overload and overcharge protection		
Alarm	1. Battery Mode: Sounding every 10 second 2. Low Battery: Sounding every 2 second 3. Overload: Sounding every 0.5 second 4. Fault: Continuously sounding		
Communication interface	USB/RS-232 Port (optional)		
ENVIRONMENTAL			
Operating temperature	0 ~ 40 ℃		
Humidity range	0~95%(non-condensing)		
Noise level	<40dB (1 meter from surface)		
PHYSICAL			
Dimension D × W × H (mm)	330 × 227.8 × 92.5		
Net weight (kg)	2	2.6	2.8

Specifications are subject to change without prior notice.