



# MI SERIES INVERTER

## Features

- Rated Power 300w To 1000w
- Pure Sine Wave Output
- Smart Lcd Setting ( Frequency , Charge Voltage,charge Current, Etc).
- 3 Steps Charging Algorithm
- Built In Avr Function
- Overload And Short-circuit Protection
- Battery Reverse Polarity Protection (Optional)
- Deep Discharge Protection
- Cold Start Function



Mi Series Inverter Is A Cost Effective, Intelligent With Ups Function. The Comprehensive Lcd Offers Userconfigurable And Easy-accessible Button Adjustment Such As Battery Charge Current, Battery Charge Voltage, Frequency, Buzzer Etc. It's Perfect For The User Who Need A Simple And Economical Inverter,with User-friendly Installation And Setting.tower And Rack Design Available For Different Choices.

	MODEL	MI-900	MI-1200	MI-1500	
<b>INVERTER OUTPUT</b>	Default Battery System Voltage	12VDC			
	Rated Power	600W	800W	1000W	
	Surge Rating (20ms)	1800W	2400W	3000W	
	Waveform	Pure sine wave			
	Rated Output Voltage	Inverter: 230VAC (±2% RMS), AVR: 195VAC-245VAC			
	Output Frequency	50Hz/60Hz +/-0.2Hz			
	Invert Frequency (Peak)	>75%			
	Bypass Efficiency	>95%			
	Output Transfer Time	Typical:6ms 10ms(max)			
	<b>AC INPUT</b>	Voltage	220/230/240VAC		
Selectable Voltage Range		140~280VAC±2%			
Low Battery Alarm		140VAC±2%			
Low Voltage Recover		150VAC±2%			
High Battery Alarm		280VAC±2%			
High Voltage Recover		270VAC±2%			
Low Frequency Alarm		45±2Hz			
Low Frequency Recover		46±2Hz			
High Frequency Alarm		65±2Hz			
High Frequency Recover		64±2Hz			
Nominal Input Range		50Hz/60Hz ±2Hz			
AC Auto Restart		YES			
<b>BATTERY</b>		Minimum Start Voltage	Low Battery Voltage Cutoff+0.5V		
		Low Battery Alarm	Low Battery Voltage Cutoff+0.5V		
	Low Battery Cutoff	10-12.0VDC			
	High Battery Cutoff	Nominal Voltage +0.5V			
<b>AC CHARGE</b>	Floating Voltage	13.5/13.6/13.7VDC			
	Nominal Voltage	13.8~14.5V			
	Maximum Charge Current	600W 20A	800W 25A	1000W 30A	
<b>BYPASS &amp; PROTECTION</b>	Input Waveform	Pure sine wave			
	Input Frequency	50Hz or 60Hz			
	Overload Protection	110%~125%R Load fault after 30S ; 125%~150%R Load fault after 3S ; >150%R Load fault after 500ms			
	Over Temperature Protection	≥90°C			
	Bypass Output Protection	10A 250VAC			
	Output Circuit Protection	YES			
	Battery Reverse Protection	Optional			
	Battery Low Voltage Protection	YES			
	Battery High Voltage Protection	YES			
	Bypass Breaker Rating	10A			
	Maximum Bypass Current	10A			
<b>MECHANICAL SPECIFICATION</b>	Dimensions	315*145*210mm			
	(N.W)kg	300W 7.5	600W 10.7	800W 12.5	
	Shipping Dimensions(W*H*D)	420*280*225mm			
	(G.W)kg	300W 8	600W 11.5	800W 13	
	<b>OTHER</b>	Operating Temperature	0°C ~40°C 0~90% relative humidity (non-condensing)		
Storage Temperature		-15°C to 55°C			
Altitude		≤1000M			
Audible Noise		≤60dB			
Display		LED+LCD			
Cooling Mode		Fan cooling			
Fan Starting		>45°C starting, <30°C Closing			
Communication	RS232 / USB				