



Features

- LCD display , easy to read how inverter operates on LCD screen
- Compatible to generator
- 5-levels DIP switch , offering customized performance
- 9-levels battery selector , Enable to charge Li-thium , Gel , lead-acid battery
- DC(Solar)/AC prority optional
- 4- levels charge current adjustable
- With RS232 communication port
- With BTS & GTS , optimazing battery performance & start generator automatically
- Power saver Switch , Enable to minimize standby consumption

MODEL	MI-1012	MI-1024	MI-1512	MI-1524	MI-2012	MI-2024	MI-3012	MI-3024	MI-3048	MI-4024	MI-4048	MI-5024	MI-5048	MI-6024	MI-6048
Default Battery System Voltage	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC	12VDC	24VDC	48VDC	24VDC	48VDC	24VDC	48VDC	24VDC	48VDC
INVERTER OUTPUT															
Reted Power	1.0KW		1.5KW		2KW		3KW			4KW		5KW		6KW	
Surge Rating (20ms)	3.0KVA		4.5KVA		6.0KVA		9.0KVA			12KVA		15KVA		18KVA	
Capable Of Starting Electric Motor	1HP		1HP		1HP		2HP				3HP				
Waveform	Pure sine wave/ same as input (bypass mode)														
Nominal Output Voltage RMS	220V / 230V / 240V (±10% RMS)														
Output Frequency	50Hz/60Hz±0.3 Hz														
Inverter Efficiency(Peak)	>85%														
Line Mode Efficiency	>95%														
Power Factor	1														
Typical Transfer Time	10ms(max)														
AC INPUT															
Voltage	230VAC														
Selectable Voltage Range	96 ~ 132 VAC 155 ~ 280VAC(For Personal Computers)														
Frequency Range	50Hz/60Hz (Auto sensing) 8040Hz														
BATTERY															
Minimum Start Voltage	10.0VDC /10.5VDC for12VDC mode (*2 for 24VDC, *4 for 48VDC)														
Low Battery Alarm	10.5VDC ±0.3V for 12VDC mode(*2 for 24VDC, *4 for 48VDC)														
Low Battery Cutoff	10.0VDC ±0.3V for 12VDC mode(*2 for 24VDC, *4 for 48VDC)														
High Voltage Alarm	16.0VDC ±0.3V for 12VDC mode(*2 for 24VDC, *4 for 48VDC)														
High Battery Voltage Recover	15.5VDC ±0.3V for 12VDC mode														
Idle Consumption-Search Mode	<25W when power saver on														
CHARGER															
Output Voltage	Depends on battery type														
Charger AC Input Breaker Rrating	10A		30A		30A		30A			40A					
Overcharge Protection S.D.	15.7VDC for 12VDC mode (*2 for 24VDC mode)														
Maximum Charge Current	35A	20A	45A	25A	65A	35A	75A	45A	30A	65A	35A	70A	40A	75A	50A
BYPASS & PROTECTION															
Input Voltage Waveform	Sine wave (grid or generator)														
Nominal Input Frequency	50Hz or 60Hz														
Overload Protection (SMPS Load)	Circuit breaker														
Output Short Circuit Protection	Circuit breaker														
Bypass Breaker Rating	10A		30A		30A		30A			40A					
Max Bypass Current	30Amp														
MECHANICAL SPECIFICATIONS															
Mounting	Wall mount														
Dimensions (W*H*D)	426*206*178 mm									601*206*178					
Net Weight (Solar CHG) kg	16.5	17	21.1	20	26	24.5	24.8	38.2	35.8	45.2	45	45.2	45		
Shipping Dimensions(W*H*D)	570*335*300mm									750*335*300mm					
Shipping Weight (Solar CHG) kg	19.3	20	24.1	22.8	29.1	27.5	27.5	42.3	40	49.5	49.3	49.5	49.3		
OTHER															
Operation Temperature Range	0°C to 40°C														
Storage Temperature	15°C to 60°C														
Audible Noise	60dB MAX														
Display	LED+LCD														
Standard Warranty	1 year,2 or 3 years optional(IP20)														