

Line Interactive UPS

MI Series-300VA to 1200VA

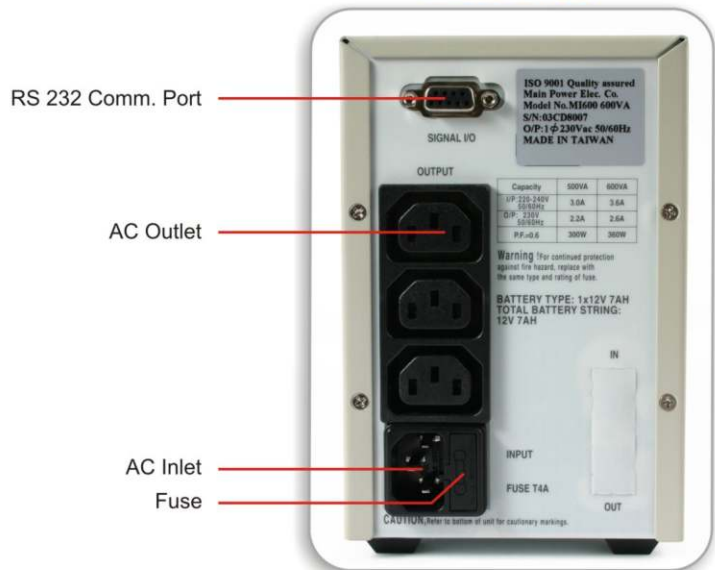
The "MI" Serie is an advanced line Interactive UPS with attractive features but economical. It is intelligent Microprocessor Controlled, with RS232 communication, Generator compatibility, and Telephone jack option. Green inverter saves battery power and more energy is one of the necessary feature today.

MI Series



- Microprocessor Based Design**
 Digital UPS control and automatic frequency select
- Built-In AVR**
 Additional protection over an extended input mains voltage window
- RS232 Communication**
 Compatible for sophisticated monitoring software
- Green Inverter**
 Inverter power saving function
- Multi-function LED display**
 Providing more display status by using 3 LEDs
- Compact Size**
 Compact and neat design

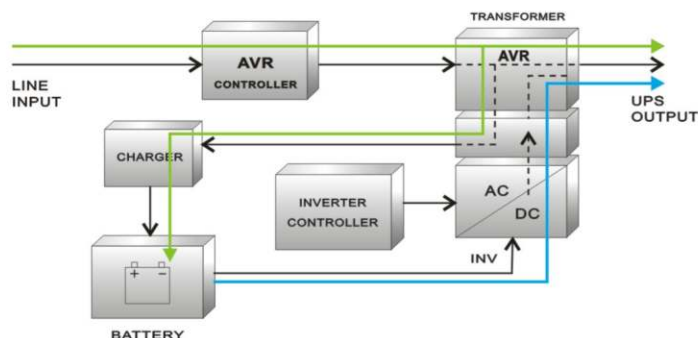
MI Back View



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SYSTEM BLOCK DIAGRAM



SPECIFICATIONS

Model	Line Interactive	MI300	MI400	MI500	MI600	MI800	MI1000	MI1200	
Output	VA Rating	300VA	400VA	500VA	600VA	800VA	1000VA	1200VA	
	Wattage	180W	240W	300W	360W	480W	600W	720W	
	Current (100V/115V/230V)	3A/2.6A/1.3A	4A/3.5A/1.7A	5A/4.4A/2.2A	6A/5.3A/2.6A	8A/7A/3.5A	10A/8.7A/4.4A	12A/10.5A/5.3A	
	Voltage	100V/115V/230V ±10%							
	Frequency	50/60Hz Auto select							
	Waveform	Stepwave							
Input	Voltage	78V-127V/85V-140V/170V-280V							
	Frequency	45Hz - 65Hz							
Runtime	PC Loading	10min./1 set		15min./1set		30min./1set			
Transfer Time	Mains to Inverter (Typical)	5 msec. Against blackout							
		3 msec. Against over/under voltage							
Battery	DC Voltage	12VDC				24VDC			
	Type (Lead acid maintenance free)	12V/4.5AH			12V/7AH				
	Recharge Time (80%)	8 Hours							
	Protection	from over charge/discharge							
	Recharge Current	0.4A							
Efficiency	Typical	>94%							
Audible Noise	At one meter	< 35dBA							
Indicators	Multi-function LED Display	Normal, Autonomy, Overload, Power Saving							
Audible Alarm		Yes							
Auto Restart		Yes							
DC Start-up		Yes							
Auto Start-up		Yes							
Protection	Overload	>110% nominal wattage							
	Short Circuit	Yes							
Approved	EMC/LVD (230V,50Hz)	EN50091-2/EN50091-1,							
	C-TICK(240V,50Hz)	AS-NZS 3548							
	Safety	TUV GS Mark EN50091-1-1, UL 1778,UL,CUL,KETI							
	USA FCC (120V,60Hz)	FCC PART 15							
	CNS BSMI (110V,60Hz)	CNS 13438							
	IMMUNITY (120V/110V/100V, 50/60Hz)	IEEE 587 CLASS A							
Connections	Output	USA/IEC type, 2 outlets			USA/IEC type, 2/3 outlets		USA/IEC type, 3 outlets		
	Computer Interface	DB9 female, LAN/RS-232 Interface Support							
Mechanical	Dimensions (WxHxD)(mm)	98x127x280			110x168x280			110x168x365	
	Weight (W/O Battery) kg N/G	3.4/4.4	3.6/4.6	4.6/5.6	5.1/6.1	6.9/8.1	6.9/8.1	6.9/8.1	
	Weight (W/ Battery) kg N/G	5.0/6.0	5.2/6.2	7.1/8.1	7.6/8.6	11.9/13.1	11.9/13.1	11.9/13.1	
Environment	Temperature	0 - 40 °C							
	Humidity	0 - 95% Non-Condensing							

Specifications are subject to change without notice.