



# HOME UPS MI1150 / MI2200



PURE SINE WAVE  
INVERTER



## ALARM & INDICATORS

- Low Battery Warning
- Overload Warning
- MCB protection
- Over Temperature protection
- Short circuit protection
- Backup on indicator
- Charging/ Charged Indicator

## FEATURES

- DSP technology for fast & smooth charging
- Auto sense intelligent charging (ASIC) adjustment
- Highly robust & reliable
- Ideal for computer
- User selectable charging current
- Generator compatible
- Wide charging voltage range
- Negligible battery water loss
- Main fuse blown protection





# HOME UPS

## MI1150 MI2200


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INVERTER**


### SPECIFICATIONS

	<b>MI 1150</b>	<b>MI 2200</b>
System Rating (VA/W)	800W	1200W
<b>INPUT</b>		
Nominal Input Battery Voltage	12V	24V
Voltage Range	180 VAC - 265VAC ± 5 VAC (UPS Mode)	90 VAC - 280 VAC ± 10 VAC (NOR Mode)
<b>BATTERY CHARGING</b>		
Grid Charging Current	12A, 18A (2 Modes)	
<b>MODES</b>		
UPS / Normal	Via Switch (Back Side)	
Charging Mode (FC/NC)	Via Switch (Back Side)	
Battery Selection	Via Switch (Back Side)	
<b>OUTPUT</b>		
Wave Form Type	Pure Sine Wave	
Output Voltage	200VAC ± 10%	
Output Frequency	50Hz ±.5 Hz	
Overload Protection	Provided at >100% with auto reset	
Low Battery Protection	Provided at ≤10.4V (per Battery) with auto reset	
Short Circuit Protection	Provided at ≥300% with manual reset	
Over Temperature Protection	Provided at ≥85° C	
<b>CHANGE OVER TIME</b>		
UPS Mode	≤12 milliseconds	
Normal Mode	≤50 milliseconds	
<b>BATTERY</b>		
Boost Voltage	TT Mode: 14.6 VDC ± 0.2 VDC FT Mode: 14.2 VDC ± 0.2 VDC	
Float Voltage	TT Mode: 13.8 VDC ± 0.2 VDC FT Mode: 13.5 VDC ± 0.2 VDC	
Low Battery Cut	10.4 VDC ± 0.2 VDC	
Battery Type	12V (100Ah to 200Ah)	
<b>ENVIRONMENT</b>		
Forced Cooling	Through Cooling Fan	
Humidity	0-90% Non Condensing	
Operating & Storage Temperature	0-45° C	
<b>DISPLAY</b>		
Display Type	Dual Display (LCD & LED)	
LED	Power Switch Status (Constant glow when power switch is ON condition and Mains available and blink when power switch is in ON condition and Mains not available)	
LCD	<b>Status:</b> Mains Voltage, Output(Load) Voltage, Battery Voltage, Charging Current, Discharging Current, Load Percentage, Battery Charging/ Charged, Charging Mode, Battery Mode <b>Protection:</b> Mains Hi / Low, Mains Fuse / MCB Trip, Over Temp, Short Circuit, Battery Low Trip, Overload Trip	
<b>PACKAGING</b>		
Dimension(LxWxH) Inch	10.7x9.5x5.1	13.8x10.3x6.3

### APPLICATIONS



BULB



COMPUTER



TUBE LIGHT



CFL



PETROL PUMP  
NOZZLE



T.V.



FAN



WATER  
MOTOR



EMBROIDERY  
MACHINE



SEWING  
MACHINE



COOLER



PHOTOCOPIER



REFRIGATOR