



HOME UPS MI4250 / MI6500



PURE SINE WAVE
INVERTER

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

ALARM & INDICATORS

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





HOME UPS

MI4250

MI6500



SPECIFICATIONS

	MI 4250	MI 6500
System Rating (VA/W)	2800W	4000W
INPUT		
Nominal Input Battery Voltage	48V	48V
Voltage Range	180 VAC - 265VAC ± 5 VAC (UPS Mode) 90 VAC - 280 VAC ± 10 VAC (NOR Mode)	
BATTERY CHARGING		
Grid Charging Current	12A, 18A (2 Modes)	
MODES		
UPS / Normal	Via Switch (Back Side)	
Charging Mode (FC/NC)	Via Switch (Back Side)	
Battery Selection	NA	Via Switch (Back Side)
OUTPUT		
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	
CHANGE OVER TIME		
UPS Mode	≤12 milliseconds	
Normal Mode	≤50 milliseconds	
BATTERY		
Boost Voltage	14.4 VDC ± 0.2VDC	TT Mode: 14.6 VDC ± 0.2 VDC FT Mode: 14.2 VDC ± 0.2 VDC
Float Voltage	13.5 VDC ± 0.2VDC	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)	
ENVIRONMENT		
Forced Cooling	Through Cooling Fan	
Humidity	0-90% Non Condensing	
Operating & Storage Temperature	0-45° C	
DISPLAY		
Display Type	LCD	
LED	NA	
LCD	Status: Mains Voltage, Output(Load) Voltage, Battery Voltage, Charging Current, Discharging Current, Load Percentage, Battery Charging/ Charged, Charging Mode, Battery Mode Protection: Mains Hi / Low, Mains Fuse / MCB Trip, Over Temp, Short Circuit, Battery Low Trip, Overload Trip	
PACKAGING		
Dimension(LxWxH) Inch	13x10.5x16	13.8x11.8x21.6

APPLICATIONS



BULB



COMPUTER



TUBE LIGHT



CFL



PETROL PUMP NOZZLE



T.V.



FAN



WATER MOTOR



EMBROIDERY MACHINE



SEWING MACHINE



COOLER



PHOTOCOPIER



REFRIGATOR

