



HOME UPS MI3000

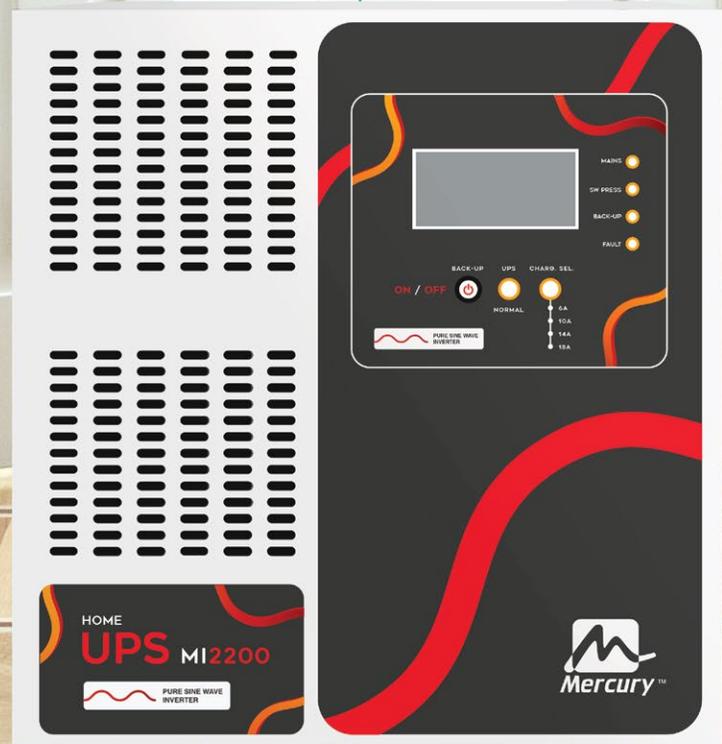
PURE SINE WAVE
INVERTER

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





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SPECIFICATIONS

System Rating (VA/W)	1900W
INPUT	
Nominal Input Battery Voltage	24V
Voltage Range	180 VAC - 265VAC ± 5 VAC (UPS Mode) 90 VAC - 280 VAC ± 10 VAC (NOR Mode)
BATTERY CHARGING	
Grid Charging Current	6A, 10A, 14A, 18A (4 Modes)
MODES	
UPS / Normal	Via Switch (Front Side)
Charging Mode (FC/NC)	Via Switch (Front Side)
Battery Selection	Via Switch (Front 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	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 (40Ah to 200Ah)
ENVIRONMENT	
Forced Cooling	Through Cooling Fan
Humidity	0-90% Non Condensing
Operating & Storage Temperature	0-45° C
DISPLAY	
Display Type	Dual Display (LCD & LED)
LED	Mains availability, front Power switch On Status, Back-up, On Status & Fault
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 (Inch)	L 10.9 x W 10.3 x H 11.9

APPLICATIONS



BULB



COMPUTER



TUBE LIGHT



CFL



PETROL PUMP
NOZZLE



T.V.



FAN



WATER
MOTOR



EMBROIDERY
MACHINE



SEWING
MACHINE



COOLER



PHOTOCOPIER



REFRIGATOR