

PURE SINE WAVE STATIC UPS

2.5 KVA to 12 KVA (Single Phase)

Features

- Advanced DSP Technology (Digital Sinewave Processing)
- Rugged UPS with high MTBF
- High Degree Protection against failure
- Highly Efficient
- Fast Change Over, suitable for computers
- Smart LCD Display
- Pure Sine wave Output
- Changeover through a Solid-State Switch
- Heavy duty Power Transformer
- Built-in OVCD (Over Voltage Protection)
- No Load Battery Current very low.
- PID Control
- High Temperature Resistance



Static UPS has following few application areas



**Educational
Institutions**



**Construction
Companies**



Industries



**Housing
Societies**



**Hotels and
Lodges**

Banks and ATMs | Air-conditioners | Small and Medium Offices | Large Homes and Residential Societies | Medical Diagnostic equipment
Process and Automation Industries | Pharmaceutical Industries | Telecommunication | Petrol Pumps | Showrooms | Educational Institutes
Information Technology Offices | Domestic Electronics Appliances



One year Including
parts and labour,

Items in the box : 1 UPS, Attached Power cable,
1 pair DC cable, User manual.

Technical Specifications



Model/Capacity	2.5KVA	3.5KVA	4KVA	5KVA	6KVA	7.5KVA	10KVA	12KVA
Capacity W	2000W	2800W	3200W	4000W	4800W	6000W	8000W	9600W
Input Range	120 V to 280 V (Normal Mode), 180 V to 265 V (UPS Mode)							
Mains Low Cut	100 VAC± 5 V (Normal Mode), 180 VAC± 5 V (UPS Mode)							
Mains Low Restore	112 VAC± 5 V (Normal Mode), 190 VAC± 5 V (UPS Mode)							
Mains High Cut	285 VAC± 5 V (Normal Mode), 265 VAC± 5 V (UPS Mode)							
Mains High Restore	275 VAC± 5 V (Normal Mode), 255 VAC± 5 V (UPS Mode)							
Output Voltage	220 VAC± 10%							
Output Frequency	Same as Input (Mains Mode), 50.0Hz ± 1Hz (Battery Mode)							
Output Waveform	Pure Sinewave							
Overload Limit	105 ± 3% (With Auto Reset Function)							
Short Circuit Limit	> 300% Load (With Auto Reset Function)							
Change over time	< 30 mSec (Normal Mode), < 5 mSec (UPS Mode)							
Crest Factor	3:1							
Distortion	<2% THD (Total Harmonic Distortion)							
Inverter Efficiency	>90% @ Full Load							
Battery Voltage	36/48	48	48/7	48/96/120		120/180	180	192
Battery Low Protection	Alarm 10.5V/Bat, Cut off 10.3V/Bat							
Charging Cutoff	14.3V/Battery (SB = Tubular Battery), 13.9V/Bat (LB Thick Palte Battery)							
Charging current	8A (Low Charge), 10A (High Charge)							
Trickle charging A	0.5 A + 0.3 A							
Switching Device	Discrete MOSFET					IGBT Modules		
Display	Welcome Message, Capacity, Output Voltage & Frequency, Input Voltage & Frequency Battery Voltage, Load Percentage, Battery Charging Status and all protections							
Protections	Mains MCB Tripped, Battery Low, Over Load, Over Temperature, Short Circuit							
Net Weight (Kg)	31	34	49	49	51	70	77	82
Dimensions (DWH, mm)	315 x 315 x 520		365 x 365 x 570			435 x 357 x 713		
Operating Temp.	0 to 45 Dec Cent							
Humidity	0 to 90% non condensing							
Acoustic Noise	<45dB @ 1 Meter							

*Specifications subject to change without prior notice