



The advance IGBT inverter, coupled with an isolation transformer, enhances the reliability and load adaptability. This unique construction for input and output isolation provides the advantages of noise rejection as well as clean and safe neutral line to the load, enables PB UPS to be used with critical load applications.

SILENT FEATURES

- True Online Double Conversion Design
- Output Isolation Transformer
- Wide Input Voltage Range
- User Friendly Digital Display
- Cold Start Function
- High Crest Factor Circuit Design
- Advance Battery Management
- Inbuilt High-Rated Charger enable Battery Backup up to 2-10 Hrs.
- IGBT based charger for smart battery management & improve input powerfactor



MORE THAN
5000
 INSTALLATIONS
 THROUGH DIRECT & DEALER SALES

Utmost Reliable Power Solution for Critical Business Applications:



TECHNICAL SPECIFICATION

RATED POWER (KVA)	1KVA TO 15KVA	5KVA To 40KVA	5KVA TO 15KVA	6KVA TO 300KVA
PHASE	1 PHASE – 1 PHASE	3 PHASE – 1 PHASE	1 PHASE – 3 PHASE	3 PHASE – 3 PHASE
INPUT				
INPUT VOLATGE	170-270 VAC (3WIRES)	310-470 VAC 3 PHASE (4/5 WIRES)	170 -270 VAC (3WIRES)	310-470 VAC (4/5 WIRES)
INPUT FREQUENCY	50Hz ± 10%			
OUTPUT				
POWER FACTOR	0.8 (Standard), 0.9 or 1 (Optional)			
OUTPUT VOLTAGE	220V/230V/240V AC± 1%Fixed as per Requirement	220V/230V/240V AC ± 1%Fixed as per Requirement	380V / 400V / 415V AC ± 1% Fixed as per Requirement	380V / 400V / 415V AC ± 1%Fixed as per Requirement
FREQUENCY	50Hz ± 0.1% or 60Hz as required			
WAVEFORM	Pure Sine wave			
THDv	<3% on Linear Load			
EFFICIENCY	Up to 93.7%			
OVERLOAD CAPACITY	125% for 10 Minutes, 150% for 60 Seconds			
ISOLATION TRANSFORMER	Galvanised Isolation Transformer			
TRANSIENT RECOVERY	Within 3 cycles			
BATTERY				
DC VOLATGE	48V-192V DC	192V/240V/360V DC	180V-192 VDC	360V-480VDC
CHARGING TIME	<10 Hrs. to 98%			
CHARGING CURRENT	8-10% of rated Battery AH			
CHARGER	Trickle, Float & Boost			
SYSTEM FEATURES				
LCD DISPLAY	Input Output Voltage, Input output Frequency, Load , Battery Percentage (or as required)			
LED Indication	Mains, AC Mode, DC Mode, Charging, Low Battery and Over Load			
ALARM	Battery Low, Abnormal Power Supply, UPS failure, Overload			
PROTECTION	Reverse polarity of battery, Battery Low & Over Voltage, Overload, short circuit, Input-Output Cut-off,			
TRANSFER TIME	0 Milliseconds			
ENVIRONMENT				
TEMPRATURE	Operating : 0°-45°C, Storage : -10°C-55°C			
HUMIDITY	0-95%RH Non-Condensing/<1500M			
NOISE	Low Audible Noise Level			
COOLING	Forced Air Cooling by Fans			
STANDARDS				
QUALITY	ISO 9000 , ISO 14000			
ENCLOSURE	IP-21 OR IP-31			
COMPONENT	High Quality & Reputed Make : Alcon, Rescon, Mitsubishi, Semicron, Philips, CDIL, Keltrons			
COMMUNICATION INTERFACE				
OPTIONAL	Ethernet/SNMP/Modbus/RS-485			

Due to continual R&D efforts, the specifications mentioned here are subject to change without any prior notice. Any latest information may be checked with us or from our representative



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