

TECHNICAL SPECIFICATIONS 5/6 KVA ON LINE UPS

Capacity/Rating	6 KVA
General	UPS shall be free from workmanship defects, sharp edges, nicks, scratches, burrs, etc. All fasteners shall be fixed properly. The equipment shall be complete with all parts and all parts shall be functional.
Technology	Microprocessor based Digital Control, IGBT based, True on line double conversion, AC to DC conversion and then DC to AC.
Waveform	Pure Sine wave
Input Voltage	110-270V
Input Frequency	45-55 Hz (Generator Compatible)
Input Power Factor	> 0.90
Output Voltage	208V/220/230/240V AC -Selectable
Out Put Power Factor	0.9
Output Frequency	50Hz/60Hz +/- 0.05%
THD	< 2% Linear Load and 5% Non Linear Load.
Inverter Efficiency	> 92%
Crest Factor	3:1
Over Load On Batteries	105% - 125% for at least 120 sec, if overload exceeds UPS shall go in Bypass mode and auto recover on removal of load.
Paralleling	Option for paralleling up to 4 Units.
By Pass Switches	Built in Static/Automatic Bi-Directional Type (Manual By Pass arrangement Not Acceptable)
Protection	Input Over/Under Voltage, Output Overload, Short Circuit, Battery Low/High, Battery reversed polarity, protection for IGBT & thermal overload.
Display	LCD.
Alarms	Audible Alarms should be provided for Mains Fail, Battery Low and Fault Conditions.
Operating Conditions	0-40 deg C, 0-90% RH maximum, non condensing audible noise-50 dB at front 1 meter.
Cooling	Air forced type
Soft ware support	Novel Netware/UNIX/Windows NT/Solaris
Batteries	SMF-VRLA type.
Back Up Time/VAH	30 mins on full load (MinimumVAH-6240) 60 mins on full load(Minimum VAH 10080)

for bidder information

VAH= battery voltage x no. of batteries x capacity of batteries (AH)