## TECHNICAL SPECIFICATIONS 10 KVA ON LINE UPS

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<th>Capacity/Rating</th>
<th>10 KVA</th>
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### 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
- > 0.95

### Output Voltage
- 208V/220/230/240V AC -Selectable

### Output 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

### Software support
- Novel Netware/UNIX/Windows NT/Solaris

### Batteries
- SMF-VRLA type.

### Back Up Time /VAH
- 30 mins on full load (Minimum VAH-10080)
- 60 mins on full load (Minimum VAH 15600)

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for bidder information

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