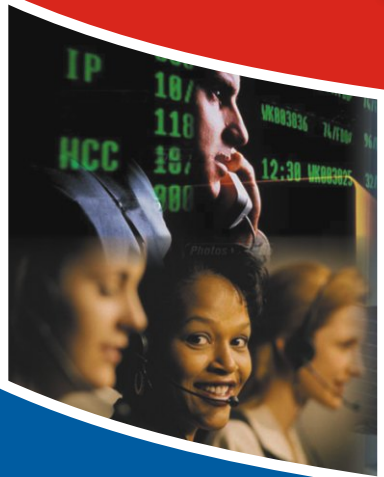


Uninterrupted Pure Power for Critical Applications



World Class Digital ONLINE UPS



Online UPS

SuperMax-Series-I

Applications:

Networking equipments, computer rooms, mission critical process, banks, offices, railways, airport, hospitals, defence and telecom centers, all type of Single Ph. Loads

Features

- ❑ True online Double Conversion technology.
- ❑ High end Micro Controller.
- ❑ Automatic battery charging in UPS off mode.
- ❑ Wide Input voltage range.
- ❑ Advanced Battery Management.
- ❑ Short circuit and Overload Protection.
- ❑ Parallel Redundant/Hot Standby. (optional)
- ❑ Galvanic Isolation.
- ❑ 1 Phase in ~ 1 Phase out (upto 10KVA)
- ❑ 3 Phase in ~ 1 Phase out (upto 30KVA)
- ❑ Specially Designed to suit Indian power and environment conditions.
- ❑ Generator Compatible.

5KVA ~ 30KVA



| Model | SUPERMAX-SERIES-I | |
|---|---|--|
| Capacity | 5KVA to 30KVA | |
| Technology | Double Conversion High Freq. switching PWM, using IGBT's | |
| Input | Voltage Range | 160V AC~270V AC $\pm 5V$ AC, Single Phase for upto 10KVA and 360V AC~450V AC $\pm 5V$ AC, Three Phase for upto 30KVA |
| | Frequency | 45~55Hz |
| | Phase | Single Phase upto 10KVA and Three Phase from 5 to 30KVA |
| | Generator Compatibility | Present |
| Output | Voltage | 230V AC $\pm 1\%$ |
| | Frequency Range | 50Hz $\pm 0.5\%$ |
| | THD (Linear Load) | <3% |
| | THD (Non-Linear Load) | <5% |
| | Overload Capability | 125% for 2minutes / 150% for 30Seconds |
| | Crest Factor | 3:1 (max) |
| | Short Circuit Protection | Instant |
| | Waveform | Pure Sine Wave |
| | Manual Bypass | inbuilt upto 15KVA |
| | Static Bypass (optional) | <5ms |
| | Inverter Efficiency | $\geq 90\%$ on rated full load |
| Overall Efficiency | $\geq 80\%$ | |
| Battery | DC Voltage | 180 / 360 VDC |
| Mimic Control Panel | LED for UPS status and LCD for Voltage, Current & Frequency | |
| Audible Alarm | For Battery Low / DC High / Output High / Overload | |
| Noise Level | ≤ 50 dB | |
| Transient Response | for 100% Step Load charge, $\pm 5\%$ and recovers to normal within 20 milliseconds. | |
| Ambient Temperature / Relative Humidity | 0-45° C / 0-95% Non-Condensing | |
| Cooling | Forced Aircooled | |