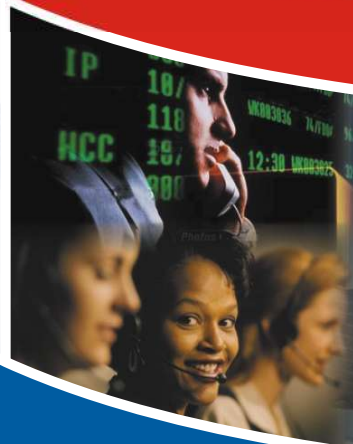
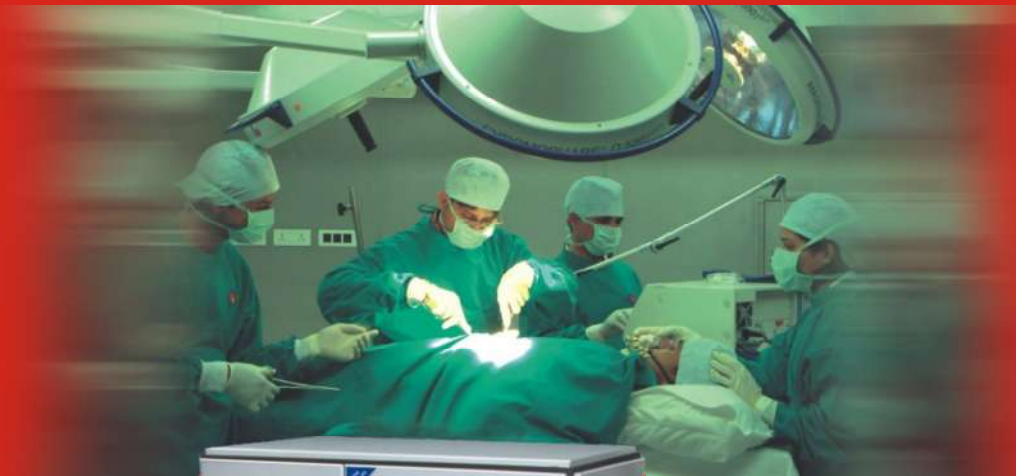


Uninterrupted Pure Power for Critical Applications



MICROTEK
TECHNOLOGY WE LIVE

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	$> 80\%$	
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 miliseconds.	
Ambient Temperature / Relative Humidity	0-45° C / 0-95% Non-Condensing	
Cooling	Forced Aircooled	