



Liebert® GXT MT +
6-10 kVA



Features

- IGBT Based Rectifier
- True Online Double Conversion with DSP Control Technology for High Performance and Reliability.
- New Graphical LCD Display Provides UPS Data, Alarms and Helps in faults diagnostics and trouble shooting.
- Double Conversion Efficiency upto 91%.
- Active Input Power Factor Correction 0.99.
- 0.8 Output Power Factor.
- Wide Input Voltage window (110 - 280 Vac) for Indian
- Environmental Condition and for Optimized Battery Performance.
- Configurable Output Voltage (200/208/220/230/240 Vac.)
- Generator Compatible with Wide Input Frequency Range (40 Hz-70 Hz).
- 4 Stage Extendable Charging Design for optimized Battery Performance.
- Adjustable Battery Charging Current 1/2/4/6 Amps according to Battery Capacity and Rating.
- 50/60 Hz Automatic Frequency Converter Mode.
- Intelligent Monitoring with Standard RS232/USB Port Plus Slot Available for RS485/Dry Contact/SNMP Card.
- Inbuilt OVCD.

True Online Double Conversion UPS with extended runtime capabilities

Liebert® GXT MT+ 6kVA is a full featured transformer free UPS designed to offer compact efficient and reliable power to power thirsty modern electronic gadgets. It features double conversion online design that ensure continuous high quality power even when the main AC power fails. Utilize state of the art technology and components to withstand fluctuation of input main voltage. Extra wide input voltage and frequency range effectively reduces the discharging period of battery; thus prolong battery life

The Liebert® GXT-MT+ 6 kVA is compact high efficiency UPS System with best-in-class Online UPS technology suited for critical applications such as IT & Communication Equipments, VoIP, Small/Medium Data Center, Server Rooms, ATMs etc. It's compact design provides high reliability with promise of Performance Without Compromise suited for India Power Condition. Liebert® GXT MT+ 6 kVA achieves up to 91% efficiency in double conversion mode and up to 97% in ECO mode ensuring effective load protection while reducing the total cost of ownership (TCO) and environmental impact



Liebert® GXT-MT+ 6 & 10 kVA



Technical Specifications

Model	GXT MT+ 06 kVA	GXT MT+ 10 kVA
Phase	1 phase in / 1 phase out	
Capacity	6000 VA/4800 Watt	10000 VA/8000
Input Characteristics		
Nominal Voltage	230 Vac (1 Ph+ N)	
Voltage Range	160 Vac-300 Vac (1-phase) @ 100% load	
Frequency Range	46-54 Hz or 56-64Hz	
Power Factor	≥ 0.99 @ 100% load	
Thdi	< 6% @ 100% load	
Output Characteristics		
Output Voltage	208 **/220/230/240VAC	
Ac Voltage Regulation (Batt. Mode)	± 1%	
Frequency Range (Synchronized Range)	46-54Hz or 56-64Hz	
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz	
Current Crest Ratio	3:1 (max.)	
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)	
Transfer Time	zero	
Waveform (Batt. Mode)	Pure Sinewave	
Ac Mode Efficiency	91%	
Eco Mode Efficiency	97%	
Battery Characteristics		
Battery Type	Lead acid/Tubular/Li-ion	
Numbers	16-20***(adjustable)	
Charging Current (Max.)	6 Amps settable to 1/2/3/4/5/6 Amps	
Charging Voltage	273 VDC ± 1% (Based on 20pcs bateries)	
Indicators		
Lcd Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
Alarm		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Countinuously sounding	
Physical		
Dimension, D X W X H (Mm)	369 x 190 x 318	442 x 190 x 318
Net Weight (Kgs)	21	23
Environment		
Operation Humidity	0-95 % RH @ 0- 40°C (non-condensing)	
Noise Level	< 55 dB @ 1 meter	
Management		
Smart Rs-232/Usb	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC	
Optional SNMP	Power management from SNMP manager and web browser	

* Product specifications are subject to change without further notice

**Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC

***When using batteries from 16-19, the unit will be de-rate according to formula ; $P = Prating \times N/20$

