



Liebert® GXT MT +

10-20 kVA (3X1)



## 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 90%.
- Active Input Power Factor Correction 0.99.
- 0.9 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 up to 12A 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+ Series systems is true double conversion online UPS systems designed to provide with a capacity of 10-20kVA. Liebert® GXT MT+ units feature total isolation of the load from the mains - isolating input and output sections, and making the systems ideal for Data Networks / Small Data Centers/VOIP application. The units support hot standby configuration, making them suited for critical applications like banks.



Liebert® GXT-MT+ 10-20 kVA (3X1)

## Technical Specifications

Model	GXT MT+ 10KVA (3X1)	GXT MT+ 20KVA (3X1)
Phase	3 phase in / 1 phase out	
Capacity	10000 VA / 9000 W	20000 VA / 18000 W
<b>Input Characteristics</b>		
Nominal Voltage	3 x 400 VAC (3Ph+N)	
Voltage Range	305-478 VAC (3-phase) @ 100% load	
Frequency Range	46-54 Hz or 56-64Hz	
Power Factor	≥ 0.99 @ 100% load	
Thdi	< 6% @ 100% load	
<b>Output Characteristics</b>		
Output Voltage	208**/220/230/240VAC	
Voltage Regulation	± 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	Pure Sinewave	
Ac Mode Efficiency	>92%	
Eco Mode Efficiency	97%	
<b>Battery Characteristics</b>		
Battery Type	Lead acid/Tubular/Li-ion	
Numbers	18-20***(adjustable)	
Charging Current (Max.)	12A settable to 2/4/6/8/10/12 Amps	
Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)	
<b>Indicators</b>		
Lcd Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions	
<b>Alarm</b>		
Battery Mode	Sounding every 4 seconds	
Low Battery	Sounding every second	
Overload	Sounding twice every second	
Fault	Countinuously sounding	
<b>Physical</b>		
Dimension, D X W X H (mm)	592 X 250 X 576	592 x 250 x 826
Net Weight (Kgs)	28	45
<b>Environment</b>		
Operation Humidity & temperature	0-95 % RH @ 0- 50°C**** (non-condensing)	
Noise Level	< 58dB @ 1 Meter	< 60dB @ 1 Meter
<b>Management</b>		
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 18-19, the unit will be de-rate according to formula ; P= Prating X N/20

\*\*\*\* Derate to 80% capacity when ambient temperature is 45°-50°