



Liebert® GXT MT+ EX

6-10 kVA



## Features

- IGBT Based Rectifier
- True Online Double Conversion with DSP Control Technology for High Performance and Reliability.
- Graphical LCD Display Provides UPS Data, Alarms and Helps in faults diagnostics and trouble shooting.
- Double Conversion Efficiency upto 93%.
- Active Input Power Factor Correction 0.99.
- 0.9 Output Power Factor.
- Wide Input Voltage window
- Configurable Output Voltage (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.*

The Liebert® GXT MT+ EX 6-10 kVA is a transformer-free UPS designed to deliver compact, efficient, and reliable power for modern electronic devices. Its double-conversion online design ensures continuous, high-quality power even when the main AC power fails. Utilizing state-of-the-art technology and components, it can handle fluctuations in input voltage, and its wide input voltage and frequency range significantly reduces battery discharge time, thereby extending battery life.

The Liebert® GXT-MT+ EX 6-10 kVA is a high-efficiency, compact UPS system with best-in-class online technology, ideal for critical applications such as IT and communication equipment, VoIP, small to medium data centers, server rooms, ATMs, and more. Its compact design ensures high reliability and exceptional performance, making it well-suited for India's power conditions. The Liebert® GXT-MT+ EX 6-10 kVA achieves up to 93% efficiency in double-conversion mode and up to 97% in ECO mode, providing effective load protection while reducing total cost of ownership (TCO) and environmental impact.



Liebert® GXT MT+ EX 6-10 kVA



MODEL		Liebert GXT MT+ EX 6kVA (1 in - 1 out)	Liebert GXT MT+ EX 10kVA (1 in - 1 out)
CAPACITY*		6000 VA/ 5400 W	10000 VA/ 9000W
INPUT			
Nominal Voltage		208/220/230/240 VAC	
Input voltage range		"110-300 VAC (Based on load at 50%) 176-300VAC (Based on load at 100%)"	
Frequency Range		46Hz ~ 54 Hz or 56 ~ 64 Hz	
Phase		Single phase with ground	
Power Factor		0.99 @ nominal voltage (100% load)	
OUTPUT			
Output voltage		208**/220/230/240VAC	
Output Power factor		0.9	
AC Voltage Regulation		±1%	
Frequency Range (Synchronized)		46Hz ~ 54 Hz or 56 ~ 64 Hz	
Frequency Range (Batt. Mode)		50 Hz or 60Hz ± 0.1 Hz	
Current Crest Ratio		3:1	
Harmonic Distortion		<2 % THD (linear load); < 5 % THD (non-linear load)	
Overload Capability		AC Mode- 100%~110%: 30min; 110%~130%: 5min; >130% : 10sec Battery Mode- 100%~110%: 3min; 110%~130%: 30sec; >130% : 10sec	
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	0 ms (Inv - Bypass) 4 ms (Bypass- Inv)	
Waveform (Batt. Mode)		Pure Sinewave	
FFICIENCY			
AC Mode		92%	93%
Battery Mode		90%	91%
BATTERY			
Battery Numbers		16 ~ 20	
Charging Current		Default 4A. Settable to 1/2/4/6 A 6A available for 16 number of batteries only	
Charging Voltage		218 Vdc +/- 1% (Based on 16pcs batteries)	
PHYSICAL			
Long-run Model	Dimension DxWxH(mm)	369 x 190 x 318	442x 190 x 318
	Net Weight (kgs)	12	16
ENVIRONMENT			
Operation Humidity		0-95 % & non-condensing	
Operation Temperature		0~40 deg.C	
Operation Altitude		<1000 m ***	
Noise Level		Less than 55dB @ 1 Meter	
MANAGEMENT			
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC	
Intelligent Slot for Optional cards		Power monitoring though SNMP/ Modbus/ Dry Contacts	

\* Derate capacity to 60% of capacity in CVCF mode

\*\* UPS Derates to 90% capacity when the output voltage is adjusted to 208VAC.

\*\*\* If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m



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