



Liebert® GXT MT+ CXi  
1/2/3 kVA



### Features

- IGBT based Rectifier and inverter
- 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.
- 0.8 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.
- Intelligent Monitoring with Standard RS232/USB Port Plus Slot Available for RS485/Dry Contact/SNMP Card.
- Inbuilt OVCD.
- Made in India.

## True Online Double Conversion Compact UPS with extended runtime capabilities

Liebert® GXT MT+ CXi Series systems is true double conversion online UPS systems designed to provide with a capacity of 1/2/3 kVA. Liebert® GXT MT+ CXi units feature complete protection of the load against mains abnormalities, and making the systems ideal for Data Networks / Small Data Centers/VOIP Applications application. The units support hot standby configuration, making them suited for critical applications like banks.



Liebert® GXT MT+ CXi 1/2/3 kVA



\*Adjustable Battery Charging Current 2/4/6 Amps according to Battery Capacity Rating.

## Technical Specifications

Model	GXT MT+ CXi 1kVA	GXT MT+ CXi 2kVA	GXT MT+ CXi 3kVA
Phase	1 phase in / 1 phase out		
Capacity	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W
<b>Input</b>			
Nominal Voltage	230 Vac		
Voltage Range	Low Line Loss	110 VAC ± 3% at 50% Load 176 VAC ± 3% at 100% Load	
	Low Line Comeback	120 VAC ± 3% at 50% Load 186 VAC ± 3% at 100% Load	
	High Line Loss	280 VAC ± 3%	
	High Line Comeback	270 VAC ± 3%	
Frequency Range	40 Hz ~ 70 Hz		
Power Factor	≥ 0.99 @ 100% load		
<b>Output</b>			
Nominal Voltage	200/208/220/230/240 Vac*		
Ac Voltage Regulation	± 1%		
Frequency Range (Synchronized Range)	46Hz ~ 54 Hz or 56Hz ~ 64 Hz		
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz		
Current Crest Ratio	3:1 (max.)		
Harmonic Distortion	<=3% THD (Linear load), <=7% THD (Non-linear load)		
Transfer Time	Bypass to Inverter (Line mode)	Zero	
	Inverter to Bypass (Line mode)	4 ms (Typical)	
Waveform (Batt. Mode)	Pure Sinewave		
Efficiency on AC to AC Mode@ 100% Load.	88%	88%	90%
Inbuilt Isolation Transformer	No		
<b>Battery</b>			
Long Run Model	Battery Type	Depending on the capacity of external batteries	
	Numbers	3	6
	Charging Current	1.0A/2.0A/4.00.0A, 6.0A default	
	Float Charging Voltage	41.0 VDC ± 1%	82.1 VDC ±1%
<b>Indicator</b>			
Lcd Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault		
<b>Alarm</b>			
Battery Mode	Sounding every 4 seconds		
Low Battery	Sounding every second		
Overload	Sounding twice every second		
Fault	Continuously sounding		
<b>Physical</b>			
Long Run Model*	Dimension, D x W x H (mm)	282 x 145 x 220	397 x145 x220
	Net Weight (kgs)	4.1	6.8
			7.4
<b>Environment</b>			
Operation Humidity And Temperature	20-90 % RH @ 0- 45°C (non-condensing)		
Noise Level	Less than 50dBA @ 1 Meter		
<b>Network Management &amp; Monitoring</b>			
Smart RS232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, Linux, Unix, and MAC		
Optional SNMP	Power management from SNMP manager and web browser		
Optional Modbus	Real Time Control and Monitoring via RS485 and support MODBUS RTU Protocol		
Optional Dry Contact	Remote Monitoring and Control though contact closure.		

\*\* Derate to 80% of capacity in Frequency converter mode,the output voltage is adjusted to 200/208VAC and the ambient temperature during 45°C to 50°C

\*\* Product specifications are subject to change without further notice