

# Liebert® GXT MT+

Compact Tower UPS for High Performance Power Protection  
1kVA - 3kVA

## Features

- Double conversion on-line technology
- Compact tower design
- Standard models and long backup models available
- Extended runtime capabilities by building up additional battery resources
- Flexible (site specific) battery configuration
- Standard model comes with internal battery
- Generator-compatible with wide input frequency range (40 to 70 Hz)
- 0.8 output power factor
- Class A electromagnetic interference (EMC)
- Ultra wide input voltage range
- High input power factor & low THDi
- Emergency power off (EPO)
- Configurable to energy saving mode (ECO)
- LCD display for operational convenience and status / fault information
- Multiple AC output interfaces via IEC standard sockets with Programmable output
- Remote Monitoring is available through USB / RS232, and optional via dry contacts and SNMP

## Applications

- Small-size Data Center
- Telecommunication Equipment
- VoIP
- Small Office Network
- Computer Rooms
- Process Automation Equipment
- Network Storage Devices

The Liebert GXT MT+ features best-in-class power protection for critical applications with the use of true on-line double conversion technology.

The Liebert GXT MT+ has a comprehensive specification that provides a higher level of availability to the IT equipment. It satisfies safety criteria and electromagnetic compatibility standards while offering intelligent monitoring and network management functions. This high performance UPS with proven reliability is available in a compact tower design.



## Bringing our Enterprise Level IT Expertise to your SMB

Emerson Network Power offers a full range of power protection solutions suitable for every requirement or scenario. From desktop computing, network equipment, computer rooms to large scale data centers, we make sure you get the same level of protection the Fortune 500 companies enjoy with Emerson. It is our way of Bringing Enterprise Level IT expertise to your SMB.

### Desktop Computing

- Liebert PSP
- Liebert PSA
- Liebert itON BX

### Network / Computer Room

- **Liebert GXT MT+**
- Liebert PSI
- Liebert GXT3

### Data Center

- Liebert APM
- Liebert NX
- Liebert Hipulse



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## Technical Specifications

Part Number	Standard Model	GXT-1000MTPLUS230	GXT-2000MTPLUS230	GXT-3000MTPLUS230
	Long Backup Model	GXT-1000LMTPLUS230	GXT-2000LMTPLUS230	GXT-3000LMTPLUS230
Capacity (VA/W)		1000 / 800	2000/1600	3000/2400
<b>Input Parameters</b>				
Frequency Range		40Hz ~ 70 Hz		
Phase		Single phase with ground		
Power Factor		≥ 0.99 @ 220 to 230 VAC (input voltage)		
<b>Voltage Range</b>				
Low Line Transfer		160 VAC / 140 VAC / 120 VAC / 110 VAC ± 5 % ( based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0)		
Low Line Comeback		175 VAC ± 5 %		
High Line Transfer		300 VAC ± 5 %		
High Line Comeback		290 VAC ± 5 %		
<b>Output Parameters</b>				
Output Voltage		208/220/230/240VAC		
AC Voltage Regulation		± 3% (Batt. Mode)		
Frequency Range		47 to 53 Hz or 57 to 63 Hz (Synchronized Range)		
Frequency Range (Batt. Mode)		50 Hz ± 0.25Hz		
Overload		100% to 110%: audible warning 110% to 130%: UPS shuts down in 30 seconds at battery mode or transfers to bypass mode when the utility is normal. >130%: UPS shuts down immediately at battery mode or transfer to bypass mode when the utility is normal.		
Current Crest Ratio		3:1		
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)	≤ 4 % THD (Linear Load) ≤ 7 % THD (Non-linear Load)	
Waveform (Batt. Mode)		Pure Sinewave		
<b>Efficiency</b>				
AC Mode		~ 85%	~ 88%	
Battery Mode		~ 83%		
<b>Transfer Time</b>				
AC Mode to Batt. Mode		Zero		
Inverter to Bypass		4 ms (Typical)		
<b>Battery Charger (Standard Model)</b>				
Battery Type		12 V / 7 AH	12 V / 7 AH	12 V / 9 AH
Numbers		3	6	6
Typical Recharge Time		4 hours recover to 90% capacity (Typical)		
Charging Current		1.0 A(max.)		
Charging Voltage		41.0 VDC ± 1%	82.1 VDC ± 1%	
<b>Battery Charger (Long back-up Model)</b>				
Numbers		3	8	
Charging Current		4.0 A or 8.0 A(max.)		
Charging Voltage		41.0 VDC ± 1%	109.6 VDC ± 1%	
<b>Physical Parameters</b>				
Dimension, D X W X H		220 x 145 x 397		318 x 190 x 421
Net Weight (kgs)		13	7	26
			13	28
				13
<b>Environmental Parameters</b>				
Operation Humidity		20 to 90 % RH @ 0 to 40°C (non-condensing)		
Noise Level		Less than 55dBA @ 1 Meter		
<b>Management</b>				
Smart RS-232 or USB		Supports Windows 98/2000/2003/XP/Vista/2008/ 7, Linux, and MAC		
Optional SNMP		Power management from SNMP manager and web browser		

## Runtime (in minutes)

Load %	1000VA	2000VA	3000VA
25	38	39	31
50	17	16	12
75	10	10	7
100	6	6	4

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