

# 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 B 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

MODEL	1000 VA	2000 VA	3000 VA			
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%	82.1 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 45dBA @ 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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AP13DPG-GXTMT+V1-DS

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