

■ AC Power
For Business-Critical Continuity™

Liebert® GXT MT+

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

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.

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



The Liebert GXT MT+ Is Ideally Suited For:

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

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

Technical Specifications

CAPACITY*		1000 VA / 800 W		2000 VA / 1600 W		3000 VA / 2400 W	
INPUT							
Voltage Range	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 %					
Frequency Range		40Hz ~ 70 Hz					
Phase		Single phase with ground					
Power Factor		≥ 0.99 @ 220-230 VAC (input voltage)					
OUTPUT							
Output Voltage		208/220/230/240VAC					
AC Voltage Regulation (Batt. Mode)		± 3% (Batt. Mode)					
Frequency Range		47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)					
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz					
Overload		100%~110%: audible warning 110%-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 (max.)					
Harmonic Distortion		≤ 3 % THD (Linear Load) ≤ 6 % THD (Non-linear Load)		≤ 4 % THD (Linear Load) ≤ 7 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero					
	Inverter to Bypass	4 ms (Typical)					
Waveform (Batt. Mode)		Pure Sinewave					
EFFICIENCY							
AC Mode		~ 85%		~ 88%			
Battery Mode		~ 83%					
BATTERY							
Standard Model	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%		
	Numbers	3			8		
	Charging Current	4.0 A or 8.0 A(max.)					
	Charging Voltage	41.0 VDC ± 1%			82.1 VDC ± 1%		
PHYSICAL							
Tower Case	Dimension, D X W X H	397 X 145 X 220 (mm)			421 X 190 X 318 (mm)		
	Net Weight (kgs)	13	7	26	13	28	13
ENVIRONMENT							
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)					
Noise Level		Less than 45dBA @ 1 Meter					
MANAGEMENT							
Smart RS-232 or USB		Supports Windows® 98/2000/2003/XP/Vista/2008, Windows® 7, Linux, and MAC					
Optional SNMP		Power management from SNMP manager and web browser					

* Derate capacity to 60% of capacity in Frequency converter mode and to 80% when the output voltage is adjusted to 208VAC

Load in %	25%	50%	75%	100%
GMT MT+ 1kVA	30	16	9	6
GMT MT+ 2kVA	25	25	19	7
GMT MT+ 3kVA	32	14	14	6

Note: Liebert GXT MT+ standard model is supplied with internal battery. Liebert GXT MT+ Long Backup Model application specific battery and cabinets are available through your local Emerson Network Power representative.

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- DC Power
- Embedded Computing
- Embedded Power
- Industrial Power
- Infrastructure Management & Monitoring
- Outside Plant
- Power Switching & Controls
- Precision Cooling
- Racks & Integrated Cabinets
- Services

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