

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



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 compact tower design.

Ideally Suited for

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

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	Dimension, D X W X H	397 X 145 X 220 (mm)		421 X 190 X 318 (mm)
Case	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		
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 Vertiv representative.

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

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