

Liebert® GXT3

Reliable On-line Protection in a Compact Tower Package 10kVA Tower

AC Power for Business-Critical Continuity™



Communications for Power Monitoring and Control

Liebert GXT3 UPS offers a variety of communications options to provide the monitoring and control capabilities demanded by today's network computing systems. Operation can be monitored using:

- Liebert IntelliSlot Web Card providing SNMP and web-based monitoring and control of your UPS
- Liebert MultiLink™ Automated System Shutdown Software
- Liebert Nform™ Monitoring System
- Third-Party Monitoring Systems

Liebert GXT3 UPS meets the need for higher power capacities in small spaces. This true on-line double conversion UPS system is available in two different 10kVA versions, and features integrated maintenance bypass, as well as optional extended battery runtime.

Features

Flexibility

- Automatic frequency detection
- User replaceable hot-swappable internal batteries
- Additional runtime with additional battery cabinets
- Liebert IntelliSlot™ communications port
- Multiple output possibilities (hardwired and receptacles)
- Includes Windows-based configuration program
- Built-in USB communications for use with Liebert MultiLink™ Automated Shutdown Software
- Built-in closure signals
- Emergency Power Off (EPO)
- Parallelable up to 3 units

The Liebert GXT3 is Ideally Suited for

- LAN & WAN Servers
- Network Equipment
- IP Telephony Deployments
- Office Telecommunications systems
- ISDN & frame relay applications
- Test and Diagnostic Equipment
- Micro Processor-controlled Equipment
- Banks
- Up to 0.9 Power Factor

It is available in both transformer-less and transformer-in versions. The transformer less version can work in either 1x1 or 3x1 configuration, which makes it very flexible. The isolated version is fitted with an output Isolation transformer which allows using it at 110, 120 phase to neutral or 208, 220 phase to phase voltages, for dual input with phases shifted by 180 degrees.

Higher Availability

- Wider input voltage window minimizes battery use
- Internal automatic and manual bypass
- Self-diagnostics

Lowest Total Cost Of Ownership

- Standard two-year replacement warranty
- Compact footprint
- Shields batteries from heat generating electronic components
- Battery cutoff voltage to prevent from overdischarge of batteries

Technical Specifications

Model	GXT3-10000T230	GXT3-10000T220
Rating (VA / W)	10000 / 9000	
Dimensions: H x W x D (mm)	800 x 300 x 675	
Unit Weight (kg)	105	140
AC Parameters		
Operating Voltage Range (<i>without battery operation</i>)	176 to 280VA (for 1 x 1); 304 to 485VAC (for 3 x 1)	100 to 185 ± 5VAC (for 1 x 1)
Frequency Range	50 to 60Hz auto-selection	
Input Connections	230V: Single-phase (L, N, G) hardwired, 10mm ² 400V: Three-phase (L1, L2, L3, N, G) hardwired, 10mm ²	Single-phase (BYP, L1, L2, G) hardwired, 10mm ²
Output Connections	Single-phase (L, N, G) hardwired, 10mm ²	(GEC, X1, X2, X3, X4, GND) hardwired, 10mm ² Bypass: (L1, L2, GND) hardwired, 10mm ²
Output Voltage	220 / 230 / 240VAC	208VAC
Wave Form	Sinewave	
Battery Parameters		
Type	CSB HR1234W or Panasonic UP-RW1245	CSB HR1234R or Panasonic UP-RW1245
Quantity x Voltage	20 x 12V	
Recharge Time (<i>internal batteries</i>)	3 hours to 90% capacity after full discharge with 100% load	
Environmental Parameters		
Operating Temperature	0 to 30 °C with 0.9 pf; 30 to 40 °C with 0.8 pf	
Storage Temperature	-15 to 50 °C	
Relative Humidity	0 to 95%; non-condensing	
Operating Elevation	Up to 1000m	
Audible Noise	< 55dBA at 1m from the rear; < 50dBA at 1m from the front or sides	
Agency Approvals		
Safety	IEC / EN / AS 62040-1	UL 1778
Electromagnetic Compatibility (EMC)	IEC / EN / AS 62040-2, Category C2 (RFI / EMI and Immunity against ESD, RF, bursts, surges)	FCC Part 15, Subpart B, Class A (RFI/EMI) IEC / EN 61000-4-5, ANSI C62.41 for North America (Immunity against surges)
Transportation	ISTA Procedure 1A	

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Battery Cabinet Specifications		GXT3-240TBATT CE
Dimensions: H x W x D (mm)	800 x 300 x 675	
Unit / Shipping Weight (kg)	110 / 140	
Shipping Weight (kg)	140	
Quantity x Voltage	2 x 20 x 12V	
Environmental Parameters		
Operating Temperature	0 to 40 °C	
Storage Temperature	-15 to 40 °C	
Relative Humidity	0 to 95%; non-condensing	
Operating Elevation	Up to 1000m at 40°C	
Agency Approvals		
Safety / Emissions	CE	
Transportation	ISTA Procedure 1A	

230 VAC Tower Model Runtime (in minutes)

Load (%)	Internal Battery	+ 1 External Battery	+2 External Battery
	10000VA		
10	78	185	313
20	38	125	161
30	22	81	136
40	15	53	106
50	11	46	82
60	8	39	69
70	6	32	52
80	5	26	48
90	4	22	43
100	3	18	38

Emerson Network Power.

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- AC Power
- Embedded Computing
- Outside Plant
- Racks & Integrated Cabinets
- Connectivity
- Embedded Power
- Power Switching & Controls
- Services
- DC Power
- Infrastructure Management & Monitoring
- Precision Cooling
- Surge Protection



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