

# Liebert GXT2

## 10kVA Rack UPS for Critical Network Protection

■ AC Power Systems for  
Business-Critical Continuity



### Key Benefits

- Online VFI Technology With Sinewave Output
- Parallel configuration to grow in redundancy or power
- Extended Battery Options for Long Runtimes
- USB, Serial and Network Communications
- Power Factor corrected input
- Advanced Early Warning Shutdown with MultiLink software
- User Configurable Settings, Voltage & Frequency
- Hot-Swappable, User Replaceable Batteries
- Cold-start on Battery
- Remote UPS Monitoring through SNMP/Web Card
- Compact Design in 3U + 3U size
- Available for configurations of 1, 2 or 3 units to supply the full power or in redundant mode 1+1, 2+1 or 1+2

### Applications

- Blade Servers
- Pizza box (1U) servers
- LAN and WAN Network servers
- Clustered network equipment: hubs, routers, bridges
- Voice over IP (VoIP) switches and routers
- Office Telecommunications systems
- Voicemail and e-mail servers
- Test and diagnostic equipment
- Micro processor-controlled equipment
- Other Mission Critical devices

### MultiLink Software

- Operating with any Liebert UPS, it protects the network PCs or Servers from crashes caused by power failure
- Prevents the loss of valuable data by performing unattended, orderly shutdown on one computer or multiple network computers with optional license kit
- Manages and monitors UPSs over the network with optional license kit

### Online Rack UPS for Critical Network Protection

With its compact 6U format and best-in-class set of features the new Liebert GXT2 10kVA from Emerson Network Power is the ideal solution for the power protection of Blade Servers, Pizza Box Servers, Voice over IP devices, and other Data Center or Network Closet equipment in standard 19" Rack cabinets.

Capable of redundant power configuration the Liebert GXT2 10kVA becomes a modular and scalable solution that adapts to your changing needs. You can use it in 1+1 or 2+1 configuration with up to 20kVA to supply clean power to your applications and 10kVA ready in case a critical condition occurs, or you can use it to its full power up to 30kVA with 3 modules in parallel.

As a true online UPS, GXT2 provides power factor correction, frequency conversion, unlimited external battery connectability, and internal automatic and manual bypass capability as well as an optional external maintenance bypass

A high-performance UPS with proven reliability, custom configurability, hot-swap internal batteries and extensible runtime in a compact rack design, the Liebert GXT2 features and flexibility make it the optimal solution for your server & data room, networking and telecom applications that require reliable, continuous and quality power.

With its extremely wide input voltage tolerance window (176-276V), its "VFI SS 111" performance level compliance and its very low acoustic noise level (less than 55 decibels), the Liebert GXT2 10kVA Rack is also designed for **Liebert X-treme** Solutions.



## Specification:

### UPS UNIT

Model	GXT2-10000R230
Power VA / W	10000 / 7000
Dimensions (WxDxH mm)	410 x 660 (UPS body, handles and plugs excluded) x 130 (3U)
Weight - Unit (kg)	27kg (electronics does not include batteries)
Degree of protection	IP20
Color	IBM Black - Ral 9005
Input Voltage	230V L-N single phase L,N,G
Input/Output Frequency	50/60Hz autoselect input, configurable output
Input Voltage Tolerance	176-276V 84V / 120V / 160 V with output derating: 50% / 75% / 90%
Input Frequency Tolerance	±5% within nominal
Input Power Factor & THDi	0.97 - <5%
Input & Output Connections	Hardwired
Output Waveform	Sinewave
Overload warning	125% 1 minute 150% 10 seconds 300% 2 seconds
Short circuit current for 5 cycles	160A peak (typical)
Efficiency	92%
Acoustic Noise	<55dBA
Operating temp and altitude	0 - 40°C (with batteries) -25 - +55°C (without batteries)
Relative Humidity	0-90% non condensing
Communications	DB9, Intellislot, Relay Comms

### Battery Cabinet

Models	GXT2-240RVBATT
Dimensions (WxDxH mm)	410 x 660 (UPS body, handles and plugs excluded) x 130 (3U)
Weight - Unit (kg)	67
<b>Backup time minutes</b>	
1 / 2 / 3 / 4 Cabinets Full load	6 / 15 / 26 / 37
1 / 2 / 3 / 4 Cabinets Half load	15 / 37 / 61 / 87
Batteries	Yuasa: NPW 45-12 or REW 45-12 (20 x 12V / 45W / 9Ah)
Battery Test	automatic (configurable to 7,14,21,28 days)

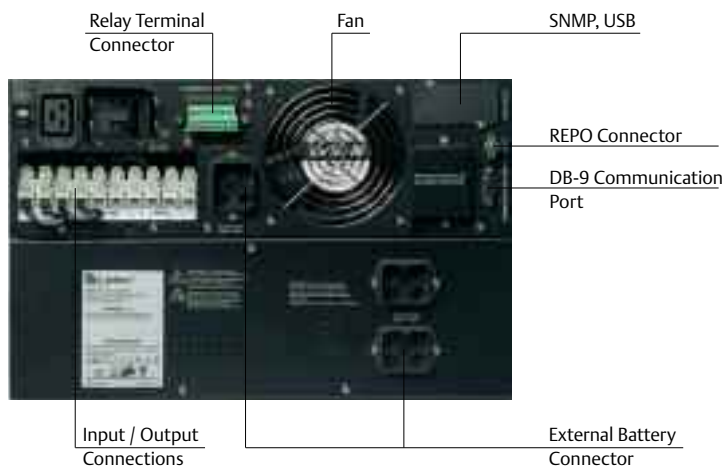
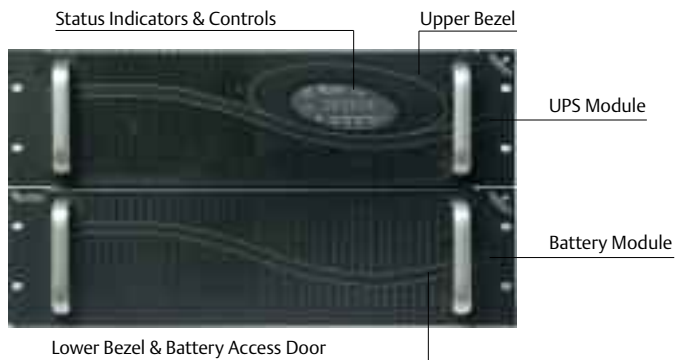
### Warranty and Standards

Warranty	2 years
Standards & Requirements	CE Mark
Safety	IEC / EN 62040-1-1 CE Low Voltage directive 73/23/EEC
Electromagnetic compatibility	IEC / EN 62040-2 - Class A CE EMC directive 89/336/EEC
Design	IEC 62040-3 VFI-SS-111
Transport	ISTA Level 1A

Approximate discharge times are in minutes and at 25°C with resistive load



Shutdown software



Emerson Network Power, a business of Emerson (NYSE:EMR), is the global leader in enabling Business-Critical Continuity™. The company is the trusted source for custom, adaptive and ultra-reliable solutions that enable and protect its customers' business-critical technology infrastructures. Backed by the largest global services organization in the industry, Emerson Network Power offers a full range of innovative power, precision cooling, connectivity and embedded products and services for computer, communications, healthcare and industrial systems. Key product brands within the Emerson Network Power family include Liebert, Knürr, ASCO, Astec, Lorain.

**Emerson Network Power.**  
The global leader in enabling  
business-critical continuity.

- AC Power
- Embedded Power
- Precision Cooling
- Connectivity
- Monitoring
- Rack & Integrated Cabinets
- DC Power
- Out Side Plant
- Services
- Embedded Computing
- Power Switching & Controls
- Surge Protection

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