

# LIEBERT® GXT4™ UPS 700 - 3000 VA

Intelligent, Reliable UPS Protection



## Liebert® GXT4™ is a true on-line UPS that delivers continuous, high-quality AC power to connected equipment with no interruption when transferring to battery

It protects equipment from virtually all power disturbances caused by blackouts, brownouts, sags, surges or noise interference.

For robust UPS protection of up to 3 kVA, the Liebert GXT4 provides industry-leading features in a compact 2U design:

- On-line design means zero transfer time. If utility power fails, your critical load will be supported by a seamless flow of power
- ECO mode option allows improved energy efficiency
- Easy serviceability with replaceable, hot-swappable batteries
- Controllable power to multiple devices via two independently programmable pairs of sockets
- Optional Liebert MicroPOD™ allows for maintenance
- Compatible with Vertiv™ monitoring suite, racks and rack PDUs.

### Flexibility:

- Two controllable socket groups
- Rotatable multi-language LCD display
- Automatic frequency sensing
- Rack and tower mounting flexibility
- Multiple communication options (SNMP, Modbus and Relay)
- Frequency conversion capability.

### High Availability:

- Advance early warning of UPS system status
- Integrated and extended backup time
- Overload capability
- Periodic battery testing
- Replaceable hot-swappable batteries
- Input power-factor correction
- Internal automatic and manual bypass capability
- Intelligent battery management
- Input circuit breaker
- Lighting and surge protection.

### Lower Total Cost of Ownership:

- High output power factor (0.9) to maximize power availability
- ECO mode for increased efficiency
- ENERGY STAR® qualified models
- Wider input voltage minimizes battery use
- Intelligent fan operation
- Two-year standard and extended warranty protection.

### Communications for Power Monitoring, Control and Preventive Maintenance:

Liebert GXT4 offers a variety of communication options, providing flexible monitoring, control capabilities and preventive maintenance. These include:

- Optional SNMP/Webcard for UPS monitoring and control
- Optional Modbus and Relay cards
- Vertiv MultiLink™ automated system shutdown software
- Vertiv Nform™ monitoring system.

### Ideally suited for:

- Mission critical applications and systems
- Network workstations
- Servers
- Network closets
- Large network peripherals
- VoIP
- PCs.

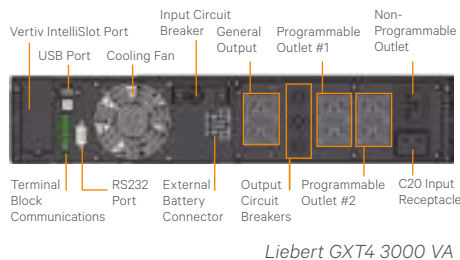
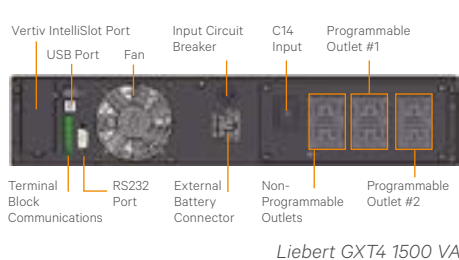


Liebert GXT4 700 - 3000 VA

## Liebert® GXT4™ Specifications

TECHNICAL SPECIFICATIONS					
UPS Part Number	GXT4-700RT230E	GXT4-1000RT230E	GXT4-1500RT230E	GXT4-2000RT230E	GXT4-3000RT230E
Power Rating	700 VA / 630 W	1000 VA / 900 W	1500 VA / 1350 W	2000 VA / 1800 W	3000 VA / 2700 W
INPUT AC PARAMETERS					
Voltage Range without Battery Operation (V)	230 AC nominal (115 - 280 V AC, variable based on output load)				
Frequency Range (Hz)	40 - 70; Auto sensing				
Input Socket	IEC320-C14	IEC320-C14	IEC320-C14	IEC 320-C20	IEC 320-C20
Output Sockets	(6) IEC320-C13	(6) IEC320-C13	(6) IEC320-C13	(6) IEC320-C13	(6) IEC320-C13 (1) IEC320-C19
Voltage (V)	200 / 208 / 220 / 230 / 240 AC (user configurable); ±3%				
Waveform	Pure Sinewave				
BATTERY PARAMETERS					
Type	Valve-regulated, non-spillable, lead-acid				
Quantity x Voltage x Rating (Ahr)	4 x 12 V x 5.0	4 x 12 V x 5.0	4 x 12 V x 7.2	4 x 12 V x 9.0	6 x 12 V x 9.0
Recharge time	5 hours to 90% capacity after full discharge with 100% load till UPS auto-shutdown (internal batteries only)				
ENVIRONMENTAL					
Operating/Storage Temperature	0° C - to +40°C (+32°F to +104°F) /-15°C to +40°C (5°F to +122°F)				
Relative Humidity (%)	0% RH to 95% RH, non-condensing				
Operating Altitude	Up to 3000 m (10,000 ft) at 25°C (77°F) without derating				
Audible Noise (dBA) at 1 meter (3.2 ft) from the front or sides	<43		<46		<48
AGENCY					
Safety	IEC/EN/AS 62040 -1: 2008; GS Mark				
Safety (UL 1778 Listed)	Yes		-	-	Yes
RFI/EMI	IEC/EN/AS 62040 -2 2 <sup>nd</sup> Ed (C2)				
Transportation	ISTA Procedure 1A				
Compliance	CE, RoHS				
DIMENSIONS (W X D X H /MM)					
Unit	430 x 408 x 85		430 x 497 x 85		430 x 602 x 85
Shipping	570 x 617 x 262		570 x 617 x 262		570 x 717 x 262
WEIGHT (KG)					
Unit	18.2	18.2	23.2	25.5	32.4
Shipping	20	20	26.0	28.0	35.0
COMPATIBLE EXTERNAL BATTERY CABINET			GXT4-48VBATTE		GXT4-72VBATTE
Type	Valve-regulated, non-spillable, lead acid				
Quantity x Voltage x Rating (Ahr)				2 x 4 x 12 V x 9.0	2 x 6 x 12 V x 9.0
ENVIRONMENTAL					
Operating/Storage Temperature, °C	0° C - to +40°C (+32°F to +104°F) /-15°C to +50°C (5°F to +122°F)				
Relative Humidity	0% RH to 95% RH, non-condensing				
Maximum Operating Altitude	Up to 3000 m (10,000 ft) at 40°C (77°F) without derating				
AGENCY					
Safety	IEC/EN/AS 62040 -1: 2008; GS Mark				
Transportation	ISTA Procedure 1A				
DIMENSIONS (W X D X H /MM)					
Unit				430 x 497 x 85	430 x 602 x 85
Shipping				570 x 617 x 262	570 x 717 x 262
WEIGHT (KG)					
Unit				32	42
Shipping				35	46

(\*) Note: check user manual for details.



### Tech Support

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# LIEBERT® GXT4™ UPS 5 - 10 kVA

Intelligent, Reliable UPS Protection



## Liebert® GXT4™ UPS meets the need for higher power capacities in small spaces

This true on-line double conversion UPS system is available in larger capacity models of 5 kVA - 10 kVA, featuring integrated maintenance bypass as well as optional extended battery runtime.

The **Liebert GXT4 UPS** is designed for use in either rack or tower configurations. It maintains a compact footprint in all ratings, with 5000 - 6000 VA models with a height of 5 U, and 10000 VA with a height of 6 U, as well as a short depth of <600 mm.

### Flexibility:

- Rotatable multi-language LCD display panel
- Compact 5Us or 6Us height and short depth (<600 mm)
- Automatic frequency sensing
- Frequency conversion capability
- Rack & tower mounting flexibility
- User replaceable hot-swappable internal batteries
- Extended backup time with additional battery cabinets
- Vertiv™ IntelliSlot® communication port available
- Includes Windows®-based configuration program
- Built-in USB communication ports for use with Vertiv MultiLink™ automated shutdown software
- Built-in closure signals
- Emergency power-off (EPO).

### High Availability:

- Internal automatic and manual bypass
- Self-diagnostics
- Input power-factor correction
- Advance early warning of UPS systems status
- 10 kVA parallel/redundant up to 2+1
- Periodic battery testing
- Intelligent battery management.

### Total Cost of Ownership:

- High output power factor
- ECO mode for increased efficiency
- ENERGY STAR® qualified models
- Wider input voltage minimizes battery use
- Battery cutoff voltage to prevent from over discharge of batteries and to prolong battery life.

### Communications for Power Monitoring, Control and Preventive Maintenance:

Liebert GXT4 offers a variety of communication options, providing flexible monitoring, control capabilities and preventive maintenance. These include:

- Optional SNMP/Webcard for UPS monitoring and control
- Optional Modbus and Relay cards
- Vertiv MultiLink automated system shutdown software
- Vertiv Nform™ monitoring system
- Vertiv LIFE™ Services compatibility for UPS preventive maintenance and remote diagnostics.

### Ideally Suited for Mission-Critical Applications:

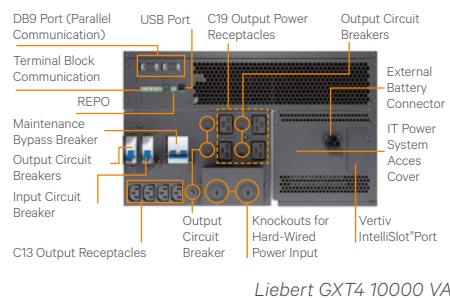
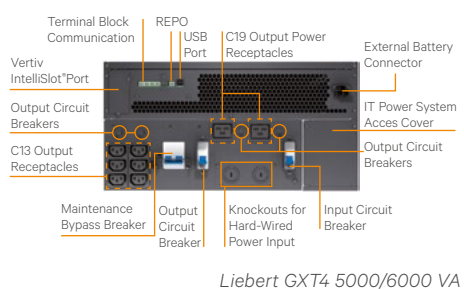
- LAN and WAN servers
- Network equipment
- IP telephony deployments
- Office telecommunication systems
- Test and diagnostic equipment
- Finance applications.



Liebert GXT4 5 - 10 kVA

## Liebert® GXT4™ Specifications

TECHNICAL SPECIFICATIONS			
UPS Part Number	GXT4-5000RT230E	GXT4-6000RT230E	GXT4-10KRT230E
Power Ratings (VA/W)	5000 VA / 4000 W	6000 VA / 4800 W	10000 VA / 9000 W
INPUT AC PARAMETERS			
Voltage Range (VAC)	176 - 280		
Frequency Range (Hz)	40-70; Auto sensing		
Input Socket	Hardwired input on PD2-CE6HDWRMBS standard power distribution box		Hardwired input on PD2-CE10HDWRMBS standard power distributions box
Output Sockets	6 x IEC320-C13 + 2 x IEC320-C19 + hardwired on PD2-CE6HDWRMBS standard power distribution		4 x IEC320-C13 + 4 x IEC320-C19 + hardwired on PD2-CE10HWRDMBS standard power distribution
Voltage (V)	230 factory default		
Waveform	Pure Sinewave		
BATTERY PARAMETERS			
Type	Valve-regulated, non-spillable, lead-acid		
Quantity x Voltage x Rating	20 x 12 V x 5 Ahr		20 x 12 V x 9 Ahr
Recharge time	5 hours to 90% capacity after full discharge with 100% load		
ENVIRONMENTAL			
Operating	0° C - to +40°C (+32°F to +104°F) (no derating)		
Relative Humidity	0% RH to 95% RH, non-condensing		
Operating Altitude	Up to 1000m (3281ft) at 25°C (77°F) without derating		
Audible Noise	<50 dBA, at 1 meter (3.2 ft) from the front or sides		
AGENCY			
Safety	IEC/EN/AS 62040-1: 2008; GS Mark		
EMI/EMC/C-Tick EMC	IEC/EN/AS 62040-2 2nd Ed (C2)		
Transportation	ISTA Procedure 1A		
Compliance	CE, RoHS		
DIMENSIONS (W X D X H /MM)			
Unit / Shipping	430 x 574 x 217 / 516 x 745 x 530		430 x 581 x 261 / 530 x 745 x 563
WEIGHT (KG)			
Unit / Shipping	60 / 71	60 / 71	70 / 92
COMPATIBLE EXTERNAL BATTERY CABINET			
GXT4-240VBATTE			
Type	Valve-regulated, non-spillable, lead-acid		
Quantity x Voltage x Rating	1 x 20 x 12 V x 9 Ahr		
ENVIRONMENTAL			
Operating / Storage Temperature	0° C - to +40°C (+32°F to +104°F) / 15° C - to +50°C (5°F to +122°F)		
Relative Humidity	0% RH to 95% RH, non-condensing		
Maximum Operating Altitude	Up to 1000 m (3281 ft) at 25°C (77°F) without derating		
AGENCY			
Safety / Emissions	IEC/EN/AS 62040-1: 2008		
Transportation	ISTA Procedure 1A		
DIMENSIONS (W X D X H /MM)			
Unit / Shipping	430 x 581 x 173 / 530 x 745 x 475		
WEIGHT (KG)			
Unit / Shipping	65 / 76		



Front view Power Distribution (PD2-CE10HDWRMBS)



Vertiv IntelliSlot Communication Card

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