

VERTIV GXT5 Lithium-Ion UPS Liebert Instructions

Contents

- [1 GXT5 Lithium-Ion UPS Liebert](#)
- [2 Product Information](#)
 - [2.1 Specifications](#)
 - [2.2 Product Usage Instructions](#)
 - [2.2.1 Installation](#)
 - [2.2.2 Battery Management](#)
 - [2.2.3 Troubleshooting](#)
 - [2.3 FAQ](#)
 - [2.3.1 Q: What is the warranty coverage for the UPS?](#)
 - [2.3.2 Q: Can the UPS be used in both rack and tower configurations?](#)
 - [2.3.3 Q: How long does it take to recharge the batteries?](#)
 - [2.3.4 Documents / Resources](#)
 - [2.3.4.1 References](#)

GXT5 Lithium-Ion UPS Liebert

“html

Product Information

Specifications

- **Form Factor:** 3U Rack/Tower
- **Power Rating:** 5000VA / 4900W, 6000VA / 6000W, 8000VA / 8000W, 10000VA / 10000W
- **Dimensions:** 16.9 x 35 x 5.25 inches (430 x 890 x 133 mm)
- **Weight:** 103lbs (47kg), 99lbs (45kg), 105lbs (48kg), 105lbs (48kg)
- **Input:** Nominal (Full Load): 176V – 288VAC; Maximum: 100 – 288VAC, 40~70Hz
- **Output:** Pure Sine Wave
- **Battery Type:** Lithium-Ion (LiFePO4)
- **Battery Recharge Time:** < 2hrs to 90%
- **Runtime:** Varies based on model
- **Noise Level:** < 58 dB
- **Certifications:** UL, CSA, FCC, RoHS2, REACH,

WEEE, IEC

- **Warranty:** 5 years on UPS and Battery

Product Usage Instructions

Installation

1. Choose between rack or tower configuration based on your setup requirements.
2. Connect the UPS input to a suitable power source within the specified voltage range.
3. Install the provided USB Type A to USB Type B cable for management software connectivity.

Battery Management

Ensure the UPS is connected to power to keep the batteries charged. Monitor battery levels through the included management software.

Troubleshooting

If you encounter any issues with the UPS, refer to the quick start guide for troubleshooting steps. Contact customer support if problems persist.

FAQ

Q: What is the warranty coverage for the UPS?

A: The UPS comes with a 5-year warranty covering both the UPS unit and the battery.

Q: Can the UPS be used in both rack and tower configurations?

A: Yes, the UPS is convertible and can be used in either rack or tower configuration based on your needs.

Q: How long does it take to recharge the batteries?

A: The batteries recharge to 90% capacity in less than 2 hours.

Liebert® GXT5 Lithium-Ion UPS

An intelligent and efficient UPS for protection of your mission critical applications.





Sustainability Features

At Vertiv we believe that sustainable product design, development, use, and disposal are critical to the longevity of our industry and the greater world.

Checkout the sustainability features of the Liebert GXT5 Lithium-Ion UPS:

- Li-ion batteries require less onsite maintenance, reducing truck rolls and avoiding associated carbon emissions
- Lithium ion batteries have a longer life, reducing waste and material consumption
- Lithium-ion batteries use less material for equal output and up to 99% of the battery elements are recyclable

Lithium-Ion Battery Technology

Lithium-ion is a game-changing technology when it comes to UPS batteries. When compared to traditional valve-regulated-lead-acid (VRLA) batteries, Lithium-ion batteries have greater power density, last up to 3 times longer, recharge much more quickly, and can endure up to 10x more discharge cycles. With a 5 year standard warranty, more than double the useful life, and significantly more runtime, the Liebert GXT5 Lithium-Ion UPS is at the top of its class.

Liebert GXT5 Lithium-Ion Key Benefits vs VRLA

- Up to 3x battery life
- Lowest TCO
- 5 year standard warranty on UPS and Batteries
- Longer Runtime
- Quicker recharge times
- Smaller and lighter:
 - Greater power density
 - Reduced unit depth
- Up to 10x more discharge cycles



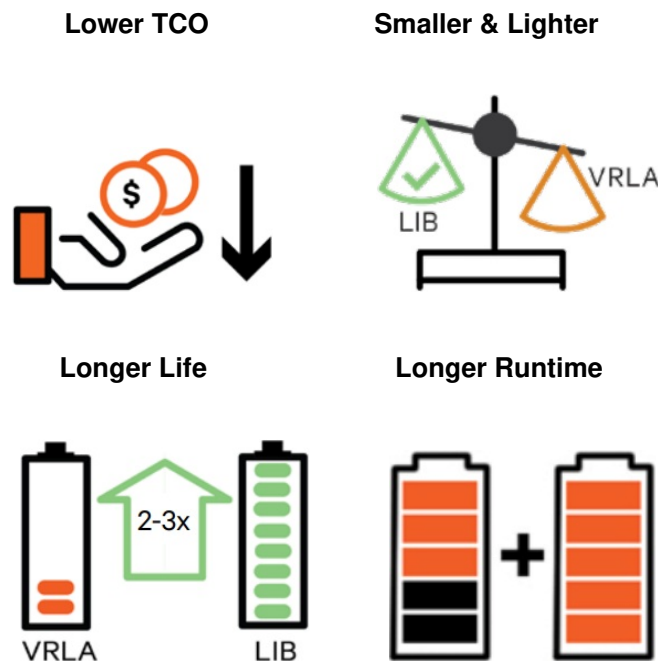


Liebert® GXT5LI 5-6KVA UPS and (1) EBC For Extended Runtime

Lithium-ion technology delivers two to three times the useful life of lead-acid batteries along with a lower total cost of ownership, making the Liebert® GXT5 Lithium-Ion online UPS ideally suited for network and server rooms, and other mission-critical edge applications.

Lower Total Cost of Ownership (TCO)

Liebert GXT5 Lithium-Ion (LI) online UPSs are ideally suited to protect mission-critical infrastructure in edge or distributed IT applications. The life expectancy of lithium-ion batteries is 2 to 3 times that of VRLA batteries. That delivers up to 50% in TCO savings vs. VRLA batteries, primarily because the Liebert GXT5 LI requires fewer battery replacements over its lifespan. You save not only on the cost of batteries but also on the time and labor cost required to replace them – an especially significant issue at remote locations with few or no IT personnel on site. In short, the Liebert GXT5 Lithium-Ion UPS is a true low-maintenance, set-it-and-forget-it solution.



What's In The Box

- UPS Unit
- USB Type A to USB Type B cable 1.8 meter (6ft) in length
- Printed quick start guide with safety instructions
- Adjustable 4-post rack mounting kit
- Support base for tower configuration
- Vertiv™ Power Assist (USB Management Software; Free Download)

- Vertiv™ Power Insight (Network Management Software; Free Download)

Technical Specifications

Standard Models*	Liebert GXT5LI-5K L630RT3UXLN	Liebert GXT5LI-60 00GVRT3UXLN	Liebert GXT5LI-80 00GVRT3UXLN	Liebert GXT5LI-10 KGVRT3UXLN
Form Factor	3U Rack/Tower			
(Maximum) Power Rating	5000VA / 4900W	6000VA / 6000W	8000VA / 8000W	10000VA / 10000W
Dimensions, W X D X H, IN (MM)				
Unit	16.9 x 35 x 5.25 (430 x 890 x 133)	16.9 x 35 x 5.25 (430 x 890 x 133)	16.9 x 35 x 5.25 (430 x 890 x 133)	16.9 x 35 x 5.25 (430 x 890 x 133)
Weight, LB (KG)				
Unit	103lbs (47kg)	99lbs (45kg)	105lbs (48kg)	105lbs (48kg)
Input/Output AC Parameters				
Input Plug	NEMA L6-30P	Hardwired	Hardwired	Hardwired
Input Cord	10ft (3m) Attached)	N/A	N/A	N/A
Output	(2) NEMA L6-30R	Hardwired (L1-L2/N-G)	Hardwired (L1-L2/N-G)	Hardwired (L1-L2/N-G)
Nominal Voltage Setting	208VAC (Default); 200-240VAC (User-Configurable); ±1%		230VAC (Default); 200/208/220/230/240VAC (User-Configurable); ±1%	
Voltage Range Without Battery Operation	Nominal (Full Load): 176V – 288VAC; Maximum: 100 – 288VAC			
Frequency Range	40~70Hz			
Surge Protection	IEC 61000-4-5, ANSI C62.41, Category B			
Transfer Time	0 ms			

Battery Waveform	Pure Sine Wave			
Battery Parameters				
Type	Lithium-Ion (LiFePO4)			
Recharge Time (from full discharge)	< 2hrs to 90%	< 2hrs to 90%	< 2hrs to 90%	< 2hrs to 90%
Full-Load Runtime	11 min	9 min	5 min	4 min
Half-Load Runtime	25 min	19 min	15 min	11 min
External Battery Cabinet	VEBCLI-192VRT1U			
Environmental				
Operating Temperature , °F (°C)	32°F to 104°F (0°C to 40°C) (10% Derating at 50°C)			
Storage Temperature °F (°C)	-4° to 140° (-20° to 60°)			
Relative Humidity	0% – 95%, non-condensing			
Operating Altitude, ft (m)	0 to 10,000 (0 to 3,000) w/o Derating. (15% Derating at 4000m)			
Audible Noise	< 58 dB			
Certifications				
Safety	UL 1642 (Li-Ion Battery Cells), UL 1973 (Li-Ion Battery Pack w/UPS), UL 1778, CSA 22.2 No. 107.3			
Agency	UL 1778, c-UL, NOM, FCC Part 15, Class A			
Environmental	RoHS2 / REACH / WEEE			
Network Surge	IEC 61000-4-5, ANSI C62.41, Category B			


Transportation	ISTA Procedure 2A
Warranty	5 years on UPS and Battery
Protection Plan	
Equipment Protection Plan	Up To \$500,000 (For Covered Equipment)

[Vertiv.com](#) | **Vertiv Headquarters**, 505 N Cleveland Ave Westerville, Ohio 43082 USA

© 2023 Vertiv Group Corp. All rights reserved. Vertiv™ and the Vertiv logo are trademarks or registered trademarks of Vertiv Group Corp. All other names and logos referred to are trade names, trademarks or registered trademarks of their respective owners. While every precaution has been taken to ensure accuracy and completeness here, Vertiv Group Corp. assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Specifications, rebates and other promotional offers are subject to change at Vertiv’s sole discretion upon notice.

SL-70912

Documents / Resources



[VERTIV GXT5 Lithium-Ion UPS Liebert](#) [pdf] Instructions
GXT5 Lithium-Ion UPS Liebert, GXT5, Lithium-Ion UPS Liebert, UPS Liebert, Liebert

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.