

Liebert® GXT5 Lithium-Ion UPS



An intelligent and efficient UPS for protection of your mission critical applications.
5000 VA - 10000 VA, 120/208V, Rack/Tower Convertible

PRELIMINARY

Overview

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, at least, twice as long, recharge much more quickly, and can endure 10x more discharge cycles. With a 5 year standard warranty, two to three times the useful life, and significantly more runtime, the GXT5 Lithium-Ion UPS is at the top of its class.

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 Time
- Smaller and Lighter:
 - Greater Power Density
 - Reduced Unit Depth
- 10x More Discharge Cycles



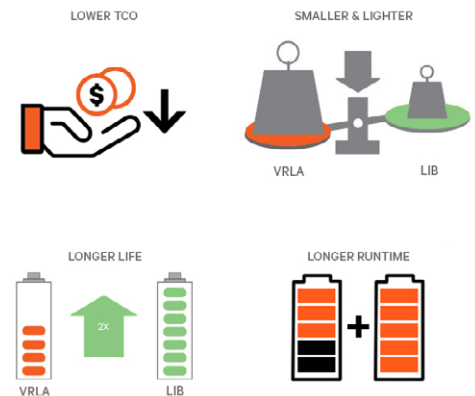
GXT5LI 10KVA MV UPS



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 up to 3 times that of VRLA batteries. That delivers up to 50% in TCO savings vs. VRLA batteries, primarily because the 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 GXT5 Lithium-ion UPS is a true low-maintenance, set-it-and-forget-it solution.



What's In The Box

- UPS with Integrated RDU101 Network Card
- Printed quick start guide with safety instructions
- Adjustable 4-post rack mounting kit
- Support base for tower configuration
- Power Insight (Network Management Software; Free Download)
- USB Type A to USB Type B cable (1.8 meter (6ft) in length)

Technical Specifications

| Standard Models* | GXT5LI-5000MVRT3UXLN | GXT5LI-6000MVRT3UXLN | GXT5LI-8000MVRT4UXLN | GXT5LI-10KMVRT4UXLN |
|--|--|-----------------------------------|-----------------------------------|-----------------------------------|
| Form Factor | 3U Rack/Tower | | 4U Rack/Tower | |
| Power Rating | 5000VA / 5000W | 6000VA / 6000W | 8000VA / 8000W | 10000VA / 10000W |
| Dimensions, W X D X H, IN (MM) | | | | |
| Unit | 16.9 x 35 x 5.2 (430 x 890 x 132) | 16.9 x 35 x 5.2 (430 x 890 x 132) | 16.9 x 35 x 6.9 (430 x 890 x 175) | 16.9 x 35 x 6.9 (430 x 890 x 175) |
| Weight, LB (KG) | | | | |
| Unit | 84 (38) | 80 (36) | 125 (57) | 125 (57) |
| Input/Output AC Parameters | | | | |
| Input Plug | NEMA L14-30P | Hardwired | Hardwired | Hardwired |
| Input Cord | 10ft (3m) Attached | N/A | N/A | N/A |
| Output | (2) NEMA L14-30R | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) | Hardwired (L1-L2-N-G) |
| Operational Parameters | | | | |
| Nominal Voltage Setting | 208VAC / 120VAC (Default); 240VAC / 120VAC (User-Configurable) | | | |
| Voltage Range Without Battery Operation | Nominal (Full Load): 90V - 150V AC (L-N); Maximum: 60 - 150VAC (L-N) | | | |
| Frequency Range | 40-70Hz | | | |
| Surge Protection | 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) | < 2 hrs to 90% | < 2 hrs to 90% | < 2 hrs to 90% | < 2 hrs to 90% |
| Full-Load Runtime | 10 min | 8.5 min | 14 min | 11 min |
| Half-Load Runtime | 21.5 min | 19 min | 27 min | 23 min |
| External Battery Cabinet VEBCLI-192VRT1U | | | | |
| Environmental | | | | |
| Operating Temperature, °F (°C) | 32°F to 104°F (0°C to 40°C) (20% 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 | | | |
| Equipment Protection Plan Up To \$500,000 (For Covered Equipment) | | | | |