

# Vertiv™ Liebert® GXE

Essential and Affordable UPS for High Performance Power Protection

6000 VA, 230V, Rack/Tower Convertible

PNY®

VERTIV™

## Overview



Vertiv™ Liebert® GXE 6kVA in a flexible rack or tower mounting form factor

### Liebert® GXE Features:

- High output power factor (1.0)
- Full-color graphic LCD
- High efficiency in online mode (up to 94%)
- ECO mode (up to 98% efficiency)
- Flexible rack/tower design
- Rack mounting kit included
- Extended runtime with up to 4 External Battery Cabinets (EBC)
- User replaceable internal UPS batteries
- Remote management capability with optional network management cards
- Automatic internal bypass
- Fast recharge time (3 hours @90%)
- Wide input frequency operation (40-70Hz) without any power derating
- Free UPS management software Vertiv™ Power Insight and Vertiv™ Power Assist

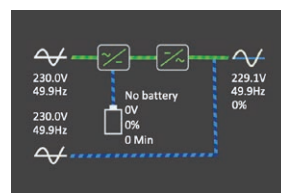
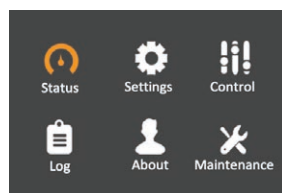
*The Vertiv™ Liebert® GXE UPS is an online double conversion solution which offers power protection in an affordable, efficient system with deployment and operation flexibility.*

The unity output power factor (1.0) of the Liebert® GXE UPS enables continuous and reliable power to more connected devices, protecting them against many disturbances in the AC mains with the online double conversion technology.

The high efficiency in both line and ECO modes of operation for this already affordable UPS also drives energy and operational costs savings.

It provides flexibility for mounting in either tower position or inside a rack cabinet, together with the IT equipment critical for any application. Moreover, the capability to add external battery cabinets provides scalable runtime for those applications requiring even a longer period of backup in case of AC mains failures.

In addition to the extended runtime, having multiple monitoring options make this compact UPS ideal for delivering best-in-class power protection to equipment at the edge of networks or in remote sites.



**Intuitive interface with detailed information and the ability to configure multiple parameters**

### What's In The Box

- Liebert GXE Unit
- Quick Installation Guide
- Safety Instructions
- Adjustable 4-post rack mounting kit
- Rack mounting ears/hardware
- Stabilizing feet for tower configuration
- USB type A to B cable (1.2 m)
- Free download [Vertiv™ Power Assist](#) software for local UPS status and shutdown, or [Vertiv™ Power Insight](#) for remote network management with the optional IS-UNITY network management card

## Technical Specifications

| GXE3-6000IRT4UXL                                                          |                                                              |
|---------------------------------------------------------------------------|--------------------------------------------------------------|
| Power Rating (VA/W)                                                       | 6000VA / 6000W                                               |
| Form Factor                                                               | Rack / Tower (4U)                                            |
| <b>Dimensions, mm</b>                                                     |                                                              |
| Unit (W x D x H)                                                          | 430 x 750 x 173                                              |
| Shipping (W x D x H)                                                      | 600 x 850 x 480                                              |
| <b>Weight, kg</b>                                                         |                                                              |
| Unit                                                                      | 70                                                           |
| Shipping                                                                  | 92                                                           |
| <b>Input AC Parameters</b>                                                |                                                              |
| Voltage Range Without Battery Operation (230V default, derating applies)* | 100 - 288                                                    |
| Voltage Range Without Battery Operation (230V default, 100% load)         | 176 - 288                                                    |
| Frequency Range (Hz, autosensing)                                         | 40 - 70                                                      |
| Input Wiring                                                              | Hardwired (terminals L-N-G)                                  |
| Surge Protection (J)                                                      | 600                                                          |
| <b>Output AC Parameters</b>                                               |                                                              |
| Output Voltage                                                            | 220/230 (default) /240                                       |
| Waveform                                                                  | Pure Sine Wave                                               |
| Output Overload (AC Mode)                                                 | 105% - 125% @ 5 min - 126% - 150% @ 1 min<br>> 150% @ 200 ms |
| Output wiring                                                             | Hardwired (terminals L-N-G)                                  |
| Efficiency (online mode, max.)                                            | 94%                                                          |
| Efficiency (ECO mode, max.)                                               | 98%                                                          |
| <b>Battery</b>                                                            |                                                              |
| Type                                                                      | Valve-regulated, non-spillable, lead-acid                    |
| Recharge Time (internal batteries, typical)                               | 3 hr @ 90%                                                   |
| Backup Time (100% load, minutes)                                          | 5                                                            |
| Backup Time (50% load, minutes)                                           | 14                                                           |
| Compatible External Battery Cabinet                                       | GXE3-EBC192VRT2U                                             |
| <b>Environmental</b>                                                      |                                                              |
| Operating Temperature (°C)                                                | 0 to 40°C                                                    |
| Storage Temperature (°C, without battery inside)                          | -20°C to +70°C                                               |
| Relative Humidity (operation, non-condensing)                             | 5% to 95%                                                    |
| Operating Altitude (m), without derating (**)                             | 2000                                                         |
| Audible Noise (line mode)                                                 | <55dBA                                                       |
| <b>Agency</b>                                                             |                                                              |
| Compliance                                                                | CE, CB Report, EAC, UKCA, Morocco, RCM                       |
| Safety                                                                    | IEC/EN 62040-1                                               |
| Transportation                                                            | ISTA 3E                                                      |
| Environmental                                                             | RoHS, REACH, WEEE                                            |
| <b>Communications and Management</b>                                      |                                                              |
| Slot for optional cards                                                   | Yes                                                          |
| Communication port                                                        | USB                                                          |
| Emergency Power Off (EPO)                                                 | Yes                                                          |
| <b>Warranty</b>                                                           |                                                              |
| Warranty (electronics and batteries)                                      | 1 year                                                       |

(\*) Note: Specific conditions or power derating applies. (\*\*) Note: Up to 3000 m with power derating.

## External Battery Cabinets

| GXE3-EBC192VRT2U      |                                   |
|-----------------------|-----------------------------------|
| <b>Dimensions, mm</b> |                                   |
| Unit (W x D x H)      | 430 x 765 x 85                    |
| Shipping (W x D x H)  | 600 x 850 x 405                   |
| <b>Weight, kg</b>     |                                   |
| Unit                  | 58.4                              |
| Shipping              | 78                                |
| <b>Agency</b>         |                                   |
| Compliance            | CE, CB Report, EAC, UKCA, Morocco |

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