

**Pantronics** 

PANTRONICS CO.,LTD. suwichak@pantronics.co.th Line ID.pantronics

# Vertiv<sup>™</sup> Liebert<sup>®</sup> GXE UPS

1000 - 3000 VA 230V

Essential and Affordable UPS for High Performance Power Protection



# Essential and affordable Uninterruptible Power Supply (UPS) for high performance protection

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

The high output power factor (0.9) of the Liebert GXE single-phase 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 and the input surge protection.

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

Available in 1, 1.5, 2 and 3kVA power ratings in either a compact tower form factor, or in a rack/tower form factor with 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 in the rack/tower models provides scalable runtime for those applications requiring even a longer period of backup in case of AC mains failures. It is combined with a powerful internal charger with a maximum of 6 Amps for a fast recharge.

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.

### Vertiv™ Liebert® GXE Features

- High output power factor (0.9)
- High efficiency in online mode (up to 91%)
- Even higher efficiency (up to 96%) in ECO mode
- Compact tower only form factor or flexible rack/tower convertible design
- User-friendly LCD interface
- Fast recharge time (<4 hours to 90% for internal batteries)</li>
- Extended runtime with up to 4 optional External Battery Cabinets (EBC)
- Hot-swappable user replaceable internal UPS batteries
- Remote management capability with optional Vertiv<sup>™</sup> Liebert<sup>®</sup> Intellislot<sup>™</sup> IS-UNITY network management cards
- (8) IEC60320 C13 outlets (all models), plus (1) C19 (3kVA model)
- Automatic internal bypass
- Free UPS management software

# What's in the box?

- Liebert® GXE UPS
- Quick Installation Guide
- Safety Instructions
- Adjustable 4-post rack mounting kit (rack/tower models only)
- Rack mounting ears & hardware
- Input power cables (UK, AUS, Schuko. 1.8 m)
- Output power cables IEC C13-C14 (x2 in 2-3kVA models, and x1 in 1-1.5kVA models)
- USB cable type A-B (1.2 m)
- Stabilizing feet for tower configuration (rack/tower models only)
- Free <u>Vertiv™ Power Assist</u> software for local UPS status and shutdown, or <u>Vertiv™ Power</u> <u>Insight™</u> for remote network management



Vertiv<sup>™</sup> Liebert® GXE 1000 VA rack/tower shown with an optional 2U external battery cabinet



# Vertiv™ Liebert® GXE Features and Benefits



## High output power factor (0.9)

More usable power enables more connected loads saving space and costs.



### Efficiency (up to 91%) in online mode

Higher efficiency means an optimized energy management and lower heat dissipation, thus providing energy savings and improved reliability.



# **Remote monitoring**

Liebert® IntelliSlot™ for operation with optional IS-UNITY cards.



# Hot-swappable user replaceable batteries

Easy replacement of the internal batteries without power interruption.



### Multiple power sockets

x8 IEC C13 output sockets in all the ratings to protect more devices.



### Flexible Rack / Tower models

Space-saving UPS provides rack space optimization and flexible installation.



# **External battery cabinets**

Up to 4 external battery cabinets can be connected in rack/tower models for applications requiring extended runtime.



### Fast recharge time

Powerful integrated charger, recharging internal batteries in less than 4 hours @90%. Up to 6 Amps maximum capacity with EBCs connected in R/T models.



# **LCD display**

It provides insight to UPS status for easy installation and operation.



## Compact tower design

Tower form factor with a compact design for non-rack applications.





## Rack mounting kit included

4-post rack mounting kit included in rack/tower models for easy and immediate installation.



# **Vertiv™ Liebert® GXE Applications**



#### IT

- Servers
- Networking equipment
- Data storage



#### **Finance**

- Branch offices
- Closed-circuit televisions and data protection
- ATMs



#### **Telecom**

- 5G mobile stations
- Access and "last mile"
- Small control rooms



#### Industrial

- Manufacturing sites
- Control equipment and programmable logic controllers (PLCs)
- Data and networking equipment



# **Education**

- Networking closets
- Networking equipment
- Office protection



# Government

- Distributed offices
- Closed-circuit television (CCTV) and data protection
- Small server and storage rooms



## Retail

- Several point of sale systems
- Networking and wiring closets
- Security and voice over internet protocol (VoIP) telephony



# Edge

- Distributed cloud services
- Content providers
- Sensors and data stations

# To get the utmost performance, upgrade to Vertiv™ Liebert® GXT5



# Liebert® GXT5 750VA - 3000VA extra features

| Unity output power factor (1.0)                   | 3 years standard warranty                  |
|---|--|
| Controllable output power sockets                 | Up to 10 external battery cabinets         |
| Even higher efficiency in online mode (up to 94%) | Autodetection of external battery cabinets |
| Improved graphical LCD display                    | Improved battery charger                   |
| Lithium-ion battery models available              | Frequency converter mode                   |



**GXE3-3000IMT** 

# **Technical Specifications - Vertiv<sup>™</sup> Liebert<sup>®</sup> GXE 1-3 kVA Tower**

GXE3-1000IMT

**Model Number** 

| Model Number   | GXE3-1000IM I  | GXE3-1500IM I  | GXE3-2000IM I  | GXE3-3000IM I  |
|--|--|--|--|--|
| Power Rating (VA/W)  | 1000VA / 900W  | 1500VA / 1350W   | 2000VA / 1800W   | 3000VA / 2700W   |
| Form Factor  | Tower  | Tower  | Tower  | Tower  |
| Dimensions, mm   |  |  |  |  |
| Unit (W x D x H)   | 160 x 315 x 245  | 160 x 420 x 245  | 160 x 420 x 245  | 200 x 425 x 345  |
| Shipping (W x D x H)   | 235 x 395 x 325  | 235 x 560 x 325  | 235 x 560 x 325  | 320 x 560 x 460  |
| Weight, kg   |  |  |  |  |
| Unit   | 11.8   | 16.4   | 19.4   | 27.7   |
| Shipping   | 12.5   | 17.3   | 20.4   | 29.3   |
| Input AC Parameters  |  |  |  |  |
| Voltage Range Without Battery Operation<br>(230V default, derating applies)• | 110 - 290  | 110 - 290  | 110 - 290  | 110 - 290  |
| Voltage Range Without Battery Operation<br>(230V default, 100% load)         | 180 - 290  | 180 - 290  | 180 - 290  | 180 - 290  |
| Frequency Range (Hz, autosensing)  | 40 - 70  | 40 - 70  | 40 - 70  | 40 - 70  |
| Input Power Connector  | IEC60320 C14<br>600  | IEC60320 C14<br>600  | IEC60320 C20<br>600  | IEC60320 C20   |
| Surge Protection (J)   | 600  | 600  | 600  | 600  |
| Output AC Parameters   | 000/000 (1.5. 10.70.0  | 000/000 ( ) ( ) (0/0   | 000/000 (1.5. 10.70)   | 000/000 (1.5. 10.75)   |
| Output Voltage<br>Waveform   | 220/230 (default) /240<br>Pure Sine Wave   |
| Output Overload (AC Mode)  | 105% - 110% @ 10 min<br>111% - 130% @ 30 sec<br>131 - 150% @ 2 sec<br>> 150% @ inmediate | 105% - 110% @ 10 min<br>111% - 130% @ 30 sec<br>131 - 150% @ 2 sec<br>> 150% @ inmediate | 105% - 110% @ 10 min<br>111% - 130% @ 30 sec<br>131 - 150% @ 2 sec<br>> 150% @ inmediate | 105% - 110% @ 10 min<br>111% - 130% @ 30 sec<br>131 - 150% @ 2 sec<br>> 150% @ inmediate<br>8 x IEC60320 C13 |
| Output Receptacles   | 8 x IEC60320 C13   | 8 x IEC60320 C13   | 8 x IEC60320 C13   | 1 x IEC60230 C19   |
| Efficiency (online mode, max.)   | 89%  | 89%  | 89%  | 91%  |
| Efficiency (ECO mode, max.)  | 95%  | 95%  | 96%  | 96%  |
| Battery  |  |  |  |  |
| Гуре   | Valve-regulated,<br>non-spillable, lead-acid   | Valve-regulated,<br>non-spillable, lead-acid   | Valve-regulated,<br>non-spillable, lead-acid   | Valve-regulated,<br>non-spillable, lead-acio   |
| Recharge Time (internal batteries, typical)                                  | <4 hr @ 90%  |
| Backup Time (100% load, minutes)   | 3.1  | 3.2  | 3.2  | 3.3  |
| Backup Time (50% load, minutes)  | 9  | 9  | 9  | 9.5  |
| Compatible with External Battery Cabinets                                    | No   | No   | No   | No   |
| Environmental  |  |  |  |  |
| Operating Temperature (°C)   | 0 to 40°C  | 0 to 40°C  | 0 to 40°C  | 0 to 40°C  |
| Storage Temperature (°C, without battery inside)                             | -20°C to +50°C   | -20°C to +50°C   | -20°C to +50°C   | -20°C to +50°C   |
| Relative Humidity (operation, non-condensing)                                | 5% to 95%  | 5% to 95%  | 5% to 95%  | 5% to 95%  |
| Operating Altitude (m), without derating (**)                                | 2000   | 2000   | 2000   | 2000   |
| Audible Noise (line mode)  | <53dBA   | <53dBA   | <53dBA   | <53dBA   |
| Agency   |  |  |  |  |
| Compliance   | CE, CB Report,<br>UKCA, Morocco, RCM   |
| Safety   | IEC/EN 62040-1   | IEC/EN 62040-1   | IEC/EN 62040-1   | IEC/EN 62040-1   |
| Surge Immunity   | EN 61000-4-5   | EN 61000-4-5   | EN 61000-4-5   | EN 61000-4-5   |
| Fransportation   | ISTA 2A  | ISTA 2A  | ISTA 2A  | ISTA 2A  |
| Environmental  | RoHS, REACH, WEEE  | RoHS, REACH, WEEE  | RoHS, REACH, WEEE  | RoHS, REACH, WEEE  |
|  |  | No. 10, NEWOLL, WELL   | no. 10, NET 101 I, WELL  | IO, NEAOI I, WELL  |
| Communications and Management  | .,   | .,   | .,   |  |
| Slot for optional cards  | Yes  | Yes  | Yes  | Yes  |
| Communication port   | USB  | USB  | USB  | USB  |
| Emergency Power Off (EPO)  | Yes  | Yes  | Yes  | Yes  |
| Warranty   |  |  |  |  |
| Warranty (electronics and batteries)   | 2 years  | 2 years  | 2 years  | 2 years  |

GXE3-1500IMT

**GXE3-2000IMT** 

<sup>(\*)</sup> Note. Specific conditions or power derating applies

<sup>(\*\*)</sup> Note: up to 3000 m with power derating

# **Technical Specifications - Vertiv™ Liebert® GXE 1-3 kVA Rack/Tower**

| Model Number  | GXE3-1000IRT2UXL                         | GXE3-1500IRT2UXL                         | GXE3-2000IRT2UXL                         | GXE3-3000IRT2UXL                         |
|---|--|--|--|--|
| Power Rating (VA/W)   | 1000VA / 900W                            | 1500VA / 1350W                           | 2000VA / 1800W                           | 3000VA / 2700W                           |
| orm Factor  | Rack / Tower (2U)                        |
| vimensions, mm  |  |  |  |  |
| nit (W x D x H)   | 438 x 430 x 86                           | 438 x 430 x 86                           | 438 x 430 x 86                           | 438 x 630 x 86                           |
| hipping (W x D x H)   | 560 x 600 x 235                          | 560 x 600 x 235                          | 560 x 600 x 235                          | 790 x 600 x 235                          |
| deliche ber   |  |  |  |  |
| <b>/eight, kg</b><br>nit  | 16.0                                     | 19.6                                     | 22.7                                     | 31.5                                     |
| hipping   | 17.6                                     | 21.6                                     | 24.8                                     | 34.2                                     |
|   | 17.0                                     | 20                                       | 2.10                                     | 0 112                                    |
| put AC Parameters   |  |  |  |  |
| oltage Range Without Battery Operation (30V default, derating applies)* | 110 - 290                                | 110 - 290                                | 110 - 290                                | 110 - 290                                |
| oltage Range Without Battery Operation<br>30V default, 100% load)       | 180 - 290                                | 180 - 290                                | 180 - 290                                | 180 - 290                                |
| requency Range (Hz, autosensing)  | 40 - 70                                  | 40 - 70                                  | 40 - 70                                  | 40 - 70                                  |
| uput Power Connector<br>urge Protection (J)                             | IEC60320 C14<br>600                      | IEC60320 C14<br>600                      | IEC60320 C20<br>600                      | IEC60320 C20<br>600                      |
| -   | 600                                      | 600                                      | 600                                      | 800                                      |
| output AC Parameters  | 220/220 (dofal+) /2/0                    | 220/220 (dafault) /2/0                   | 220/220 (dafault) /2/ 0                  | 220/220 (4-4-1-1) /2/2                   |
| utput Voltage<br>/aveform   | 220/230 (default) /240<br>Pure Sine Wave |
|   | 105% - 110% @ 10 min                     |
| Output Overload (AC Mode)   | 111% - 130% @ 30 sec                     |
|   | 131 - 150% @ 2 sec<br>> 150% @ inmediate | 131 - 150% @ 2 sec<br>> 150% @ inmediate | 131 - 150% @ 2 sec<br>> 150% @ inmediate | 131 - 150% @ 2 sec<br>> 150% @ inmediate |
| utput Receptacles   | 8 x IEC60320 C13                         | 8 x IEC60320 C13                         | 8 x IEC60320 C13                         | 8 x IEC60320 C13<br>1 x IEC60230 C19     |
| ficiency (online mode, max.)  | 89%                                      | 89%                                      | 89%                                      | 91%                                      |
| fficiency (ECO mode, max.)  | 95%                                      | 95%                                      | 96%                                      | 96%                                      |
| attery  |  |  |  |  |
| ype   | Valve-regulated,                         | Valve-regulated,                         | Valve-regulated,                         | Valve-regulated,                         |
|   | non-spillable, lead-acid                 | non-spillable, lead-acid                 | non-spillable, lead-acid                 | non-spillable, lead-acid                 |
| echarge Time (internal batteries, typical)                              | <4 hr @ 90%                              |
| ackup Time (100% load, minutes)   | 3.1                                      | 3.2                                      | 3.2                                      | 3.3                                      |
| ackup Time (50% load, minutes)  | 9  | 9  | 9  | 9.5                                      |
| omaptible External Battery Cabinet                                      | GXE3-EBC24VRT2U                          | GXE3-EBC36VRT2U                          | GXE3-EBC48VRT2U                          | GXE3-EBC72VRT2U                          |
| nvironmental  |  |  |  |  |
| perating Temperature (°C)   | 0 to 40°C                                | 0 to 40°C                                | 0 to 40°C                                | 0 to 40°C                                |
| orage Temperature (°C, without battery inside)                          | -20°C to +50°C                           | -20°C to +50°C                           | -20°C to +50°C                           | -20°C to +50°C                           |
| elative Humidity (operation, non-condensing)                            | 5% to 95%                                | 5% to 95%                                | 5% to 95%                                | 5% to 95%                                |
| perating Altitude (m), without derating (**)                            | 2000                                     | 2000                                     | 2000                                     | 2000                                     |
| udible Noise (line mode)  | <53dBA                                   | <53dBA                                   | <53dBA                                   | <53dBA                                   |
|   |  |  |  |  |
| gency<br>ompliance  | CE, CB Report,                           | CE, CB Report,                           | CE, CB Report,                           | CE, CB Report,                           |
|   | UKCA, Morocco, RCM                       | UKCA, Morocco, RCM                       | UKCA, Morocco, RCM                       | UKCA, Morocco, RCM                       |
| sfety   | IEC/EN 62040-1                           | IEC/EN 62040-1                           | IEC/EN 62040-1                           | IEC/EN 62040-1                           |
| urge Immunity   | EN 61000-4-5                             | EN 61000-4-5                             | EN 61000-4-5                             | EN 61000-4-5                             |
| ransportation   | ISTA 2A                                  | ISTA 2A                                  | ISTA 2A                                  | ISTA 2A                                  |
| nvironmental  | RoHS, REACH, WEEE                        | RoHS, REACH, WEEE                        | RoHS, REACH, WEEE                        | RoHS, REACH, WEEE                        |
| ommunications and Management  |  |  |  |  |
| ot for optional cards   | Yes                                      | Yes                                      | Yes                                      | Yes                                      |
| ommunication port   | USB                                      | USB                                      | USB                                      | USB                                      |
| mergency Power Off (EPO)  | Yes                                      | Yes                                      | Yes                                      | Yes                                      |
| Varranty  |  |  |  |  |
| •   | 2 years                                  |  |  |  |

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

# **External Battery Cabinets**

| Model Number         | GXE3-EBC24VRT2U        | GXE3-EBC36VRT2U        | GXE3-EBC48VRT2U        | GXE3-EBC72VRT2U        |
|----------------------|------------------------|------------------------|------------------------|------------------------|
| Dimensions, mm       |                        |                        |                        |                        |
| Unit (W x D x H)     | 438 x 410 x 86         | 438 x 410 x 86         | 438 x 510 x 86         | 438 x 630 x 86         |
| Shipping (W x D x H) | 560 x 600 x 235        | 560 x 600 x 235        | 650 x 600 x 235        | 600 x 790 x 235        |
| Weight, kg           |                        |                        |                        |                        |
| Jnit                 | 16.2                   | 21.2                   | 28.6                   | 40.8                   |
| Shipping             | 21.1                   | 26.1                   | 34.1                   | 47.2                   |
| Agency               |                        |                        |                        |                        |
| Compliance           | CE, EAC, UKCA, Morocco |



# **Accessories**

# **Network Communication Cards and Environmental Sensors**

| Model Number           | Description  |
|------------------------|--|
| IS-UNITY-SNMP          | 10/100 Mbit Ethernet SNMP, Device Web Page, with MIB and configuration cable |
| IS-UNITY-DP (03020728) | Same as IS-UNITY-SNMP, and BACnet IP and MODBUS (TCP & RTU)                  |
| IS-RELAY               | IS-RELAY Card  |
| SN-T                   | Modular with single temperature sensor                                       |
| SN-TH                  | Modular with single temperature and humidity sensor                          |





# **External Battery Cabinets**

| UPS Model        | External Battery Cabinet |
|------------------|--------------------------|
| GXE3-1000IRT2UXL | GXE3-EBC24VRT2U          |
| GXE3-1500IRT2UXL | GXE3-EBC36VRT2U          |
| GXE3-2000IRT2UXL | GXE3-EBC48VRT2U          |
| GXE3-3000IRT2UXL | GXE3-EBC72VRT2U          |



# **Internal Replacement Battery Kits**

| UPS Model        | Replacement Battery Kit |
|------------------|-------------------------|
| GXE3-1000IRT2UXL | GXTRT-24BATKIT          |
| GXE3-1500IRT2UXL | GXTRT-36BATKIT          |
| GXE3-2000IRT2UXL | GXTRT-48BATKIT          |
| GXE3-3000IRT2UXL | GXTRT-72BATKIT          |
| GXE3-1000IMT     | GXTRT-24BATKIT          |
| GXE3-1500IMT     | GXTRT-36BATKIT          |
| GXE3-2000IMT     | GXTRT-48BATKIT          |
| GXE3-3000IMT     | VUPS-72VBATKIT9AMT      |



# Vertiv<sup>™</sup> Liebert<sup>®</sup> MicroPOD - Maintenance Bypass and Output Distribution

The Vertiv™ Liebert® MicroPOD (Power Output Distribution) is a maintenance bypass option for UPS products, 3kVA and below. It allows removal of the UPS without powering down the connected equipment.

| UPS Model        | MicroPOD Model | Input socket | Output receptacles                  |
|------------------|----------------|--------------|-------------------------------------|
| GXE3-1000IRT2UXL | MP2-210K       | IEC60320 C14 |                                     |
| GXE3-1500IRT2UXL | WPZ-ZIOK       | IEC60320 C14 | 8 x IEC60320 C13                    |
| GXE3-2000IRT2UXL | MP2-220K       | IEC60320 C20 |                                     |
| GXE3-3000IRT2UXL | PD5-20AC20     | IEC60320 C20 | 6 x IEC60320 C13 & 1 x IEC60320 C19 |



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# Vertiv<sup>™</sup> Liebert® GXE UPS | 1000 - 3000 VA 230V

# **UPS Rear View**

# Vertiv™ Liebert® GXE tower models



Liebert® GXE3-3000IMT

- 1. AC input
- 2. Input circuit breaker
- 3. USB communication port
- 4. EPO port
- **5.** Vertiv<sup>™</sup> Liebert<sup>®</sup> IntelliSlot<sup>™</sup> for optional network management card
- 6. Output receptacles
- 7. Grounding screw

# Vertiv™ Liebert® GXE rack/tower mode



- 1. AC input
- 2. Input circuit breaker
- 3. USB communication port
- 4. EPO port
- **5.** Vertiv<sup>™</sup> Liebert<sup>®</sup> IntelliSlot<sup>™</sup> for optional network management card
- 6. Output receptacles
- 7. Grounding screw
- 8. External battery cabinet connector



# **UPS Rear View**

# Runtime tool available at:

https://www.vertiv.com/en-emea/support/tools-applications/vertiv-ups-interactive-runtime-tools/

#### Vertiv™ Liebert® Liebert GXE 1-3kVA Tower

|        | 1000 VA |          |           | 1500 VA |          |           | 2000 VA |          |           | 3000 VA |          | <u> </u>  |
|--------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|---------|----------|-----------|
| % load | Runtime | Load (W) | Load (VA) |
| 100%   | 3.1     | 900      | 1000      | 3.2     | 1350     | 1500      | 3.2     | 1800     | 2000      | 3.3     | 2700     | 3000      |
| 70%    | 6.5     | 630      | 700       | 6.2     | 945      | 1050      | 6.5     | 1260     | 1400      | 6.2     | 1890     | 2100      |
| 60%    | 7.8     | 540      | 600       | 7.6     | 810      | 900       | 7.5     | 1080     | 1200      | 7.4     | 1620     | 1800      |
| 50%    | 9.0     | 450      | 500       | 9.0     | 675      | 750       | 9.0     | 900      | 1000      | 9.5     | 1350     | 1500      |
| 20%    | 22.0    | 180      | 200       | 24.0    | 270      | 300       | 26.0    | 360      | 400       | 29.0    | 540      | 600       |

# Vertiv™ Liebert® GXE 1-3kVA Rack / Tower



|        | 1000 VA Internal batteries |          |           | UPS + 1 EBC | UPS + 2 EBCs | UPS + 3 EBCs | UPS + 4 EBCs |
|--------|----------------------------|----------|-----------|-------------|--------------|--------------|--------------|
| % load | Runtime                    | Load (W) | Load (VA) | Runtime     | Runtime      | Runtime      | Runtime      |
| 100%   | 3.1                        | 900      | 1000      | 18          | 35           | 54           | 72           |
| 80%    | 4.2                        | 720      | 800       | 26          | 48           | 74           | 99           |
| 70%    | 6.5                        | 630      | 700       | 30          | 57           | 85           | 115          |
| 60%    | 7.8                        | 540      | 600       | 35          | 65           | 93           | 137          |
| 50%    | 9.0                        | 450      | 500       | 38          | 70           | 103          | 139          |
| 40%    | 12.5                       | 360      | 400       | 46          | 96           | 138          | 196          |
| 20%    | 22.0                       | 180      | 200       | 92          | 176          | 238          | 349          |
|        |                            |          |           |             |              |              |              |

UPS Part number: GXE3-1000IRT2UXL See notes below about runtime. Runtimes in minutes. EBC Part number: GXE3-EBC24VRT2U

|        | 1500 VA Internal batteries |          |           | UPS + 1 EBC | UPS + 2 EBCs | UPS + 3 EBCs | UPS + 4 EBCs |
|--------|----------------------------|----------|-----------|-------------|--------------|--------------|--------------|
| % load | Runtime                    | Load (W) | Load (VA) | Runtime     | Runtime      | Runtime      | Runtime      |
| 100%   | 3.2                        | 1350     | 1500      | 18          | 35           | 55           | 74           |
| 80%    | 4.5                        | 1080     | 1200      | 26          | 46           | 73           | 99           |
| 70%    | 6.2                        | 945      | 1050      | 30          | 56           | 85           | 116          |
| 60%    | 7.6                        | 810      | 900       | 36          | 66           | 94           | 138          |
| 50%    | 9.0                        | 675      | 750       | 39          | 72           | 106          | 143          |
| 40%    | 13.0                       | 540      | 600       | 47          | 98           | 140          | 199          |
| 20%    | 24.0                       | 270      | 300       | 97          | 179          | 242          | 351          |

UPS Part number: GXE3-1500IRT2UXL See notes below about runtime. Runtimes in minutes. EBC Part number: GXE3-EBC36VRT2U

|        | 2000 VA Internal batteries |          |           | UPS + 1 EBC | UPS + 2 EBCs | UPS + 3 EBCs | UPS + 4 EBCs |
|--------|----------------------------|----------|-----------|-------------|--------------|--------------|--------------|
| % load | Runtime                    | Load (W) | Load (VA) | Runtime     | Runtime      | Runtime      | Runtime      |
| 100%   | 3.2                        | 1800     | 2000      | 19          | 37           | 55           | 75           |
| 80%    | 4.6                        | 1440     | 1600      | 26          | 49           | 73           | 100          |
| 70%    | 6.5                        | 1260     | 1400      | 30          | 56           | 85           | 116          |
| 60%    | 7.5                        | 1080     | 1200      | 37          | 67           | 86           | 139          |
| 50%    | 9.0                        | 900      | 1000      | 39          | 73           | 111          | 151          |
| 40%    | 13.8                       | 720      | 800       | 46          | 99           | 141          | 201          |
| 20%    | 26.0                       | 360      | 400       | 99          | 182          | 246          | 359          |

UPS Part number: GXE3-2000IRT2UXL See notes below about runtime. Runtimes in minutes. EBC Part number: GXE3-EBC48VRT2U

|        | 3000 VA Internal batteries |          |           | UPS + 1 EBC | UPS + 2 EBCs | UPS + 3 EBCs | UPS + 4 EBCs |
|--------|----------------------------|----------|-----------|-------------|--------------|--------------|--------------|
| % load | Runtime                    | Load (W) | Load (VA) | Runtime     | Runtime      | Runtime      | Runtime      |
| 100%   | 3.3                        | 2700     | 3000      | 19          | 36           | 56           | 76           |
| 80%    | 4.5                        | 2160     | 2400      | 25          | 47           | 71           | 98           |
| 70%    | 6.2                        | 1890     | 2100      | 29          | 55           | 84           | 113          |
| 60%    | 7.4                        | 1620     | 1800      | 36          | 66           | 87           | 136          |
| 50%    | 9.5                        | 1350     | 1500      | 42          | 78           | 115          | 155          |
| 40%    | 13.7                       | 1080     | 1200      | 49          | 101          | 147          | 206          |
| 20%    | 29.0                       | 540      | 600       | 102         | 188          | 252          | 363          |

UPS Part number: GXE3-3000IRT2UXL See notes below about runtime. Runtimes in minutes. EBC Part number: GXE3-EBC72VRT2U

Note: Approximate runtimes at 25°C for batteries in new conditions, fully recharged and pure resistive load. Actual runtimes can vary due to battery age, temperature or configuration. Liebert GXE Tower models do not allow connection of External Battery Cabinets.

# **Comprehensive Service Support for Critical Systems**

| Part Number | Description 1                    | Description 2  | Description 3  |
|-------------|----------------------------------|--|--|
| 88026969    | GXE UPS                          | Start-up/Installation  Power Emergency Business Hour Contract (2 Years)    | GXE UPS  |
| 88026977    | 1-3kVA                           |  | 1-3kVA   |
| 88026977    | GXE UPS                          | Start-up/Installation  Power Emergency After                               | GXE UPS  |
| 88028372    | 1-3kVA                           |  | 1-3kVA   |
|             | 88026969<br>88026977<br>88026977 | 88026969<br>GXE UPS<br>1-3kVA<br>88026977<br>88026977<br>GXE UPS<br>1-3kVA | 88026969  GXE UPS  1-3kVA  Power Emergency Business Hour Contract (2 Years)  88026977  Start-up/Installation  GXE UPS  1-3kVA  Power Emergency After |

# Power Emergency Package (8X5)

The Power Emergency Package provides on-site emergency support with 100% parts and labor coverage and is available for single-phase UPS products up to 3kVA. Adding Vertiv services to your Liebert GXE UPS ensures you are protected during an emergency. Includes:

- Two-year service coverage
- Guaranteed 2-4hours on-site emergency response, 5 days/ week, 8 hours/day, within 100 kms of a Vertiv's Service City.
- Includes 24x7 professional Helpline
- Advanced replacement of the faulty unit
- · Shipping costs are covered by Vertiv
- Coverage for both electronic parts and battery failures

- Start-up / Installation services:
   Start-up Services provide on-site technicalsupport for installation and start-up of your UPS for you get up and running as quickly as possible during business hours.
  - Installation includes mounting the new UPS and powering it up
  - Configuring the IS-Webcard and make sure that it is online in their network (optional item)
  - Services performed by a Vertiv factory trained technician

# Power Emergency Package (24X7)

The Power Emergency Package provides on-site emergency support with 100% parts and labor coverage and is available for single-phase UPS products up to 3kVA. Adding Vertiv services to your Liebert GXE UPS ensures you are protected during an emergency. Includes:

- Two-year service coverage
- Guaranteed 2-4hours on-site emergency response, 7 days/ week, 24 hours/day, within 100 kms of a Vertiv's Service City.
- Includes 24x7 professional Helpline
- · Advanced replacement of the faulty unit
- Shipping costs are covered by Vertiv
- Coverage for both electronic parts and battery failures
- Start-up / Installation services:
   Start-up Services provide on-site technical support for installation and start-up of your UPS for you get up and running as quickly as possible 24x7.
  - Installation includes mounting the new UPS and powering it up
  - Configuring the IS-Webcard and make sure that it is online in their network (optional item)
  - Services performed by a Vertiv factory trained technician



# **Build Your Total Infrastructure Solution with Vertiv**

Discover expert designed IT infrastructure solutions with proven success in diverse environments and countless applications.

# Vertiv<sup>™</sup> Geist<sup>™</sup> rPDU Reliable power distributi

Reliable power distribution with outlet level remote monitoring and management providing the highest level of power visibility and control.

# Vertiv™ VE Rack

Self-contained 42U server rack designed to simplify equipment installation and provides an additional 6cm of useable depth.

# Cable and Air Flow Management

Included accessories ensure proper cable management and airflow to keep your equipment cool.

### **Vertiv<sup>™</sup> Liebert<sup>®</sup> GXE**

Helps to protect mission critical equipment in the event of power loss or extreme power fluctuations.

# Software and IT Management

Monitor the entire system either locally or remotely to ensure you are alerted of out-of-range conditions that could result in costly downtime.



