



Product brochure

# Vertiv™ Liebert® GXT5 UPS

5 - 20 kVA 230V

Intelligent and Efficient UPS for Protection  
of Your Mission-Critical Applications



## Largest Rack Mount Capacity Available in an Intelligent, Efficient UPS for Protection of Mission-Critical Applications

**The Vertiv™ Liebert® GXT5 UPS is an online double conversion UPS solution which offers premium power outage protection and continuous power conditioning in a compact and flexible rack/tower form factor.**

The Vertiv Liebert GXT5 single-phase UPS operates with high power efficiency, making it ideally suited to protect critical infrastructure in both centralized and edge network applications.

Now available in higher capacity ratings of 16 and 20 kVA the Vertiv Liebert GXT5 UPS allows for highly reliable single UPS installations minimizing required rack space and supporting more IT equipment loads.

Scalable runtime options with matching external battery cabinets offer additional flexibility when extended uninterrupted power is required. Plus, the Vertiv Liebert GXT5 provides battery health status and replacement date prediction for intelligent battery health management.

The UPS system is easy to deploy and maintain due to its user-friendly LCD interface and remote management capabilities supported by the Vertiv™ Liebert® IntelliSlot™ RDU120 communications card which makes the Vertiv Liebert GXT5 compatible with Vertiv™ infrastructure management solutions such as Vertiv™ LIFE™ Services, environmental sensors, Vertiv™ Power Insight, and more.

### What's in the box

- UPS (Including factory installed Network Card.) - Tower Stand and 4-Post Rack Fixed Rail Kit
- USB Cable
- Quick Start Guide
- Safety Manual
- Vertiv™ Power Insight management software (free download from Vertiv.com)

With market leading efficiency and unity power factor operation, the Vertiv Liebert GXT5 will meet your critical application needs. And you can rest assured that your business is protected with this Vertiv™ Solution that includes a standard, three-year advanced exchange product warranty.

## Vertiv™ Liebert® GXT5 Features

### Leading UPS Technology

- High output power factor up to 1.0
- Full-color graphic LCD with gravity sensing orientation
- External battery cabinets with auto-detection
- Parallel or redundant operation capability (10kVA to 20kVA Models)
- Battery health status and replacement date prediction
- Remote management, update, and configuration capabilities
- Optimized thermal management and variable speed fan for peak efficiency and noise reduction
- 1-Phase or 3-Phase Utility Input (16kVA to 20kVA Models)
- Automatic Internal Bypass

### Efficient and Green Product

- High efficiency in online mode
- Energy Star 2.0 certified
- Even higher efficiency (up to 98%) in Active ECO mode
- Compliance with Restriction of Hazardous Substances (RoHS) directive and the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) regulation

### Solutions Wide

- Compact rack/tower design
- Broad range of services and extended warranty
- Easy to install, configure and operate
- Vertiv™ Liebert® IntelliSlot™ RDU120 network communications card with advanced features
- Compatibility with environmental sensors
- Integrated dry-contacts with selectable definition
- Free Vertiv™ Power Insight management software
- Serial port for out-of-band management with Vertiv™ Avocent® serial consoles
- Automatic internal bypass and external maintenance bypass options



## Vertiv™ Liebert® GXT5 Features

**1.0 PF** **High power factor (1.0)**  
More usable power enables more connected loads saving space and costs.

**Compact rack/ tower design**  
Space-saving UPS provides rack space optimization and flexible installation.

**Efficiency (up to 95%) in online mode**  
Energy Star 2.0 certification. Higher efficiency means an optimized energy management and lower heat dissipation, for energy savings and improved reliability.

**Parallel/redundant operation capability**  
For 10, 16 or 20 kVA models, configurations up to 2+1 redundancy support maximum availability and enables growth as load demand increases.

**Colored graphic LCD with gravity sensitive orientation**  
User-friendly interface provides insight to UPS status for easy installation, configuration and operation.

**Integrated Battery**  
With self-test and detection capability.

**Battery Cabinets with auto-detection**  
Be confident the UPS is set up correctly to report available runtime when used with external battery cabinets.

**ECO** **Efficiency (up to 98%) in Active ECO mode**  
Superior protection with maximum efficiency.

**3 Years** **Product warranty**  
Comprehensive coverage through a standard three year warranty.

## How You Benefit from the Vertiv™ Liebert® GXT5 UPS

### Designed for high availability



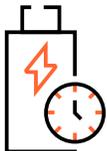
- Higher power factor (1.0) offers the connection of more loads and IT equipment
- Optional external tower/rack-mount maintenance bypass cabinet eliminates the need to power down connected equipment during system maintenance or replacement (16kVA to 20kVA Models)
- Integrated maintenance bypass POD eliminates the need to power down connected equipment during system maintenance or replacement (5kVA to 10kVA Models) Hot-swappable, user-replaceable battery modules minimize downtime
- Vertiv™ LIFE™ Services helps to enhance uptime, as well as operational efficiency with continuous remote monitoring, expert analysis, and proactive response
- Automatic programmable battery self-test

### User-friendly installation and operation



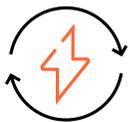
- Easy-to-read, gravity-sensing graphical color display
- Intuitive user interface for local configuration and management
- Support for the Vertiv suite of remote management tools (Vertiv™ Power Insight, Vertiv™ Liebert® IntelliSlot™ RDU120 network interface card, and serial connectivity support)
- Auto-detection of external battery cabinets enables faster deployment and accurate runtime information
- Remote UPS firmware upgrade capability offers the UPS has the latest features and enhancements

### Longer service life and runtime of the batteries



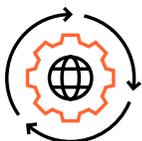
- Extended runtimes provided by the addition of external battery cabinets (up to 10)
- Improved battery care by temperature-compensated battery charging
- Intelligent battery health management offers a longer service life (optimized battery maintenance and replacement when needed)

### Optimized energy and capacity management



- Active ECO operating mode with up to 98% efficiency
- Efficiency in online double conversion mode up to 95%
- Energy Star 2.0 certified

### Seamless connectivity



- Four onboard, user-definable dry contact I/O for integration of support management systems
- Supports SNMP, web, and environmental sensors with the optional Vertiv Liebert IntelliSlot RDU120 communications card
- Serial connection for integration of Vertiv™ Avocent® ACS product or direct serial management and control of the UPS



## Power Assurance Package: Comprehensive Service Support for Critical Systems

Providing more than the standard warranty and extension program, this five-year protection program is valid for single-phase UPS units higher than 3 kVA. Purchased within six months from the equipment purchase date, the program includes:

- **Advance replacement or repair of faulty unit** within eight working hours of incident ticket acknowledgement meaning a maximum of two business days after claim.
- **100% coverage of electronic parts and failed batteries** excluding battery misuse and/or reduced autonomy.
- **Free shipping** from the following European countries: Austria, Belgium, Croatia, Czech Republic, France, Germany, Ireland, Italy, Luxemburg, Poland, Portugal, Slovakia, Spain, Sweden, Switzerland, The Netherlands, Turkey, and United Kingdom.
- **24x7 access** to professional helpline.
- **One Preventive Maintenance visit** after the third year performed by a Vertiv technician.
- **Preventive Monitoring and Diagnostic Service** purchasing the premier version of the package.

### Key Benefits:

- Reduces the worry about critical equipment downtime.
- Offers rapid recovery in the event of failure (within 24-48 hours).

#### UPS Above 3 kVA

|                                  | Power Assurance                           | Power Assurance Premier                   |
|----------------------------------|---|---|
| <b>Start-Up</b>                  | Optional                                  | Optional                                  |
| <b>Technical Support Hotline</b> | 24/7                                      | 24/7                                      |
| <b>Parts Included</b>            | ✓   | ✓   |
| <b>Labour Included</b>           | ✓   | ✓   |
| <b>Response Time</b>             | ✓ 8 working hours*                        | ✓ 8 working hours*                        |
| <b>Preventive Maintenance</b>    | ✓**                                       | ✓**                                       |
| <b>Life Services</b>             |   | ✓   |
| <b>Contract Duration</b>         | <b>5 years</b><br>(10 years with Renewal) | <b>5 years</b><br>(10 years with Renewal) |

Power Assurance Package

| Vertiv™ Liebert® GXT5 5-20 KVA | Power Assurance | Power Assurance Premier | Warranty Extension +1 year | Warranty Extension +3 years |
|--------------------------------|-----------------|-------------------------|----------------------------|-----------------------------|
| 5/6 kVA                        | RUPS-PA5-007    | RUPS-PAP5-007           | RUPS-WE1-007               | RUPS-WE3-007                |
| 8/10 kVA                       | RUPS-PA5-008    | RUPS-PAP5-008           | RUPS-WE1-008               | RUPS-WE3-008                |
| 16/20 kVA                      | RUPS-PA5-009    | RUPS-PAP5-009           | RUPS-WE1-009               | RUPS-WE3-009                |

\* Customer engineer or shipment of the new unit within 8 working hours from ticket acknowledgement

\*\* Includes 1 preventive maintenance after the third year



#### AMERICAS

Manuf. and Assembly Locations **10**  
 Service Centers **80+**  
 Service Field Engineers **1,600+**  
 Technical Support/Response **90+**  
 Customer Experience Centers/Labs **5**

#### ASIA PACIFIC

Manuf. and Assembly Locations **5**  
 Service Centers **60+**  
 Service Field Engineers **970+**  
 Technical Support/Response **80+**  
 Customer Experience Centers/Labs **5**



#### EUROPE, MIDDLE EAST AND AFRICA

Manuf. and Assembly Locations **10**  
 Service Centers **65+**  
 Service Field Engineers **650+**  
 Technical Support/Response **100+**  
 Customer Experience Centers/Labs **5**

#### OUR PURPOSE

We believe there is a better way to meet the world's accelerating demand for data - one driven by passion and innovation.

#### OUR PRESENCE

##### GLOBAL PRESENCE

Manuf. and Assembly Locations **24**  
 Service Centers **220+**  
 Service Field Engineers **3,500+**  
 Technical Support/Response **220+**  
 Customer Experience Centers/Labs **19**

## Technical Specifications 5-10 kVA

|                | <b>Vertiv™ Liebert®<br/>GXT5-5000IRT5UXLN</b> | <b>Vertiv™ Liebert®<br/>GXT5-6000IRT5UXLN</b> | <b>Vertiv™ Liebert®<br/>GXT5-8000IRT5UXLN</b> | <b>Vertiv™ Liebert®<br/>GXT5-10KIRT5UXLN</b> |
|----------------|---|---|---|--|
| Ratings (VA/W) | 5000 VA / 5000 W                              | 6000 VA / 6000 W                              | 8000 VA / 8000 W                              | 10,000 VA / 10,000 W                         |

### Dimensions, mm (inches)

|                |                                |                                |                                |                                |
|----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| Unit W x D X H | 430×630×217<br>(16.9×24.8×8.5) | 430×630×217<br>(16.9×24.8×8.5) | 430×630×217<br>(16.9×24.8×8.5) | 430×630×217<br>(16.9×24.8×8.5) |
|----------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|

### Weight, kg (pounds)

|      |            |            |              |              |
|------|------------|------------|--------------|--------------|
| Unit | 70.8 (156) | 70.8 (156) | 74.5 (164.2) | 74.5 (164.2) |
|------|------------|------------|--------------|--------------|

### Input AC Parameters

|                              |                                       |                                       |                                       |   |
|------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|---|
| Operating Frequency, Nominal | 50 or 60Hz<br>(Factory Default is 50) | 50 or 60Hz<br>(Factory Default is 50) | 50 or 60Hz<br>(Factory Default is 50) | 50 or 60 Hz<br>(factory-default is 50 Hz) |
| Voltage Range                | 230 VAC                               | 230 VAC                               | 230 VAC                               | 230 VAC                                   |
| Input Wiring                 | Hardwire                              | Hardwire                              | Hardwire (common or split bypass)     | Hardwire (common or split bypass)         |

### Output AC Parameters

|                               |   |   |   |   |
|-------------------------------|---|---|---|---|
| Output Receptacles            | Hardwire<br>2 (C19), 6 (C13)  | Hardwire<br>2 (C19), 6 (C13)  | Hardwire<br>4 (C19), 4(C13)   | Hardwire<br>4 (C19), 4(C13)   |
| Factory-default VAC Frequency | 230 VAC<br>50Hz or 60Hz, Nominal  |
| Waveform (On Battery)         | Sinewave  | Sinewave  | Sinewave  | Sinewave  |
| Utility (AC) Mode Overload    | >150% for Minimum 200mS; 125 - 150% for 60 seconds; 105-125% 5 Minutes; ≤105 % Continuous | >150% for Minimum 200mS; 125 - 150% for 60 seconds; 105-125% 5 Minutes; ≤105 % Continuous | >150% for Minimum 200mS; 125 - 150% for 60 seconds; 105-125% 5 Minutes; ≤105 % Continuous | >150% for Minimum 200mS; 125 - 150% for 60 seconds; 105-125% 5 Minutes; ≤105 % Continuous |

### Battery

|   |   |   |   |   |
|---|---|---|---|---|
| Type                                    | Valve-regulated, non-spillable, lead acid |
| Backup Time (100% Load)                 | 7 Minutes                                 | 5.5 Minutes                               | 3.5 Minutes                               | 2 Minutes                                 |
| Backup Time (50% Load)                  | 18.5 Minutes                              | 14.5 Minutes                              | 9.5 Minutes                               | 7 Minutes                                 |
| +1 External Battery Cabinet (100% Load) | 19 Minutes                                | 14.5 Minutes                              | 9.5 Minutes                               | 7 Minutes                                 |
| +1 External Battery Cabinet (50% Load)  | 48 Minutes                                | 38.5 Minutes                              | 26 Minutes                                | 19 Minutes                                |

### Environmental Requirements

|                                |  |  |  |  |
|--------------------------------|--|--|--|--|
| Operating Temperature, °C (°F) | 0 to 40 (+32 to +104) (no derating)  | 0 to 40 (+32 to +104) (no derating)  | 0 to 40 (+32 to +104) (no derating)  | 0 to 40 (+32 to +104) (no derating)  |
| Storage Temperature, °C (°F)   | -15 to 50+ (5 to +122)   |
| Relative Humidity              | 0% to 95%, non-condensing  |
| Operating Elevation            | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating                        | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating                        | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating                        | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating                        |
| Audible Noise                  | <55 dBA, at 1 meter from the rear<br><50 dBA, at 1 meter from the front or sides | <55 dBA, at 1 meter from the rear<br><50 dBA, at 1 meter from the front or sides | <55 dBA, at 1 meter from the rear<br><50 dBA, at 1 meter from the front or sides | <55 dBA, at 1 meter from the rear<br><50 dBA, at 1 meter from the front or sides |

### Agency

|                |   |   |   |   |
|----------------|---|---|---|---|
| Surge Immunity | IEC/EN EN61000-4-5, Level 3, Criteria A |
| Transportation | ISTA Procedure 1E                       | ISTA Procedure 1E                       | ISTA Procedure 1E                       | ISTA Procedure 1E                       |
| Safety         | IEC62040-1:2008 version, GS mark        |
| Emissions      | IEC/EN/AS 62040-2 2nd Ed (Cat 2)        |

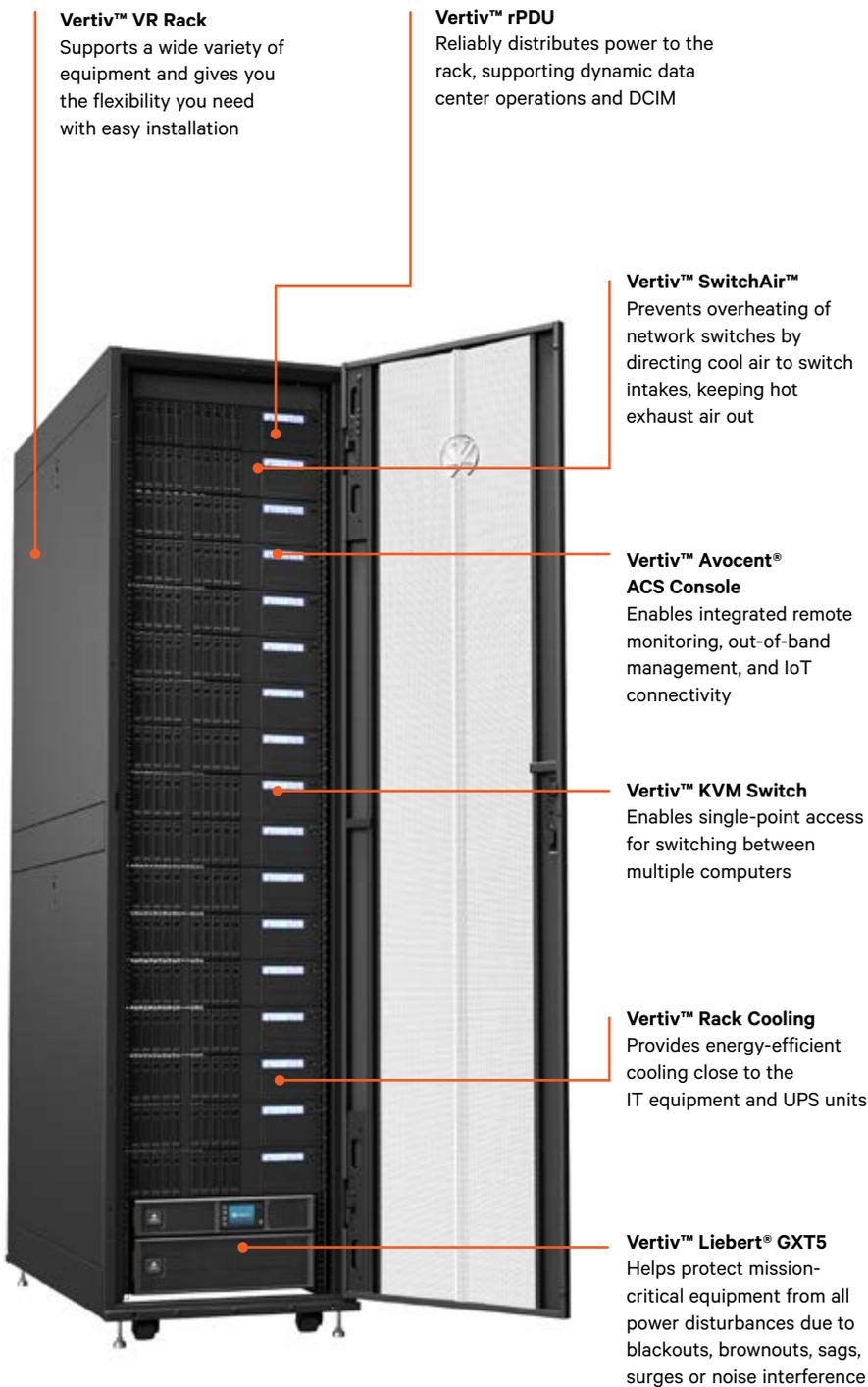
### Warranty

|  |   |   |   |   |
|--|---|---|---|---|
|  | Standard 3-Year Warranty<br>(Including the Battery) |
|--|---|---|---|---|



## Technical Specifications 16-20 kVA

|   | Vertiv™ Liebert® GXT5-16KIRT9UXLN                               | Vertiv™ Liebert® GXT5-20KIRT9UXLN                               |
|---|---|---|
| Ratings (VA/W)                          | 16000 VA/16000 W  | 20000 VA/20000 W  |
| <b>Dimensions, mm (inches)</b>          |   |   |
| Unit W x D x H                          | 430×630×394<br>(16.9×24.8×15.5)                                 | 430×630×394<br>(16.9×24.8×15.5)                                 |
| <b>Weight, kg (pounds)</b>              |   |   |
| Unit                                    | 135.2 (298)   | 135.2 (298)   |
| <b>Input AC Parameters</b>              |   |   |
| Operating Frequency, Nominal            | 50 or 60 Hz<br>(factory-default is 50 Hz)                       | 50 or 60 Hz<br>(factory-default is 50 Hz)                       |
| Voltage Range                           | 288 VAC   | 288 VAC   |
| Input Wiring                            | Input terminal block  | Input terminal block  |
| <b>Output AC Parameters</b>             |   |   |
| Output Receptacles                      | Output terminal block   | Output terminal block   |
| Factory-default VAC Frequency           | 230 VAC, 50 Hz  | 230 VAC, 50 Hz  |
| Waveform (On Battery)                   | Sinewave  | Sinewave  |
| Utility (AC) Mode Overload              | > 150% minimum 200 ms   | > 150% minimum 200 ms   |
| <b>Battery</b>                          |   |   |
| Type                                    | Valve-regulated, non-spillable, lead acid                       | Valve-regulated, non-spillable, lead acid                       |
| Backup Time (100% Load)                 | 3.5 Minutes   | 2.5 Minutes   |
| Backup Time (50% Load)                  | 9.5 Minutes   | 7 Minutes   |
| +1 External Battery Cabinet (100% Load) | 10 Minutes  | 7 Minutes   |
| +1 External Battery Cabinet (50% Load)  | 26.5 Minutes  | 19.5 Minutes  |
| <b>Environmental Requirements</b>       |   |   |
| Operating Temperature, °C (°F)          | 0 to 40 (+32 to +104) (no derating)                             | 0 to 40 (+32 to +104) (no derating)                             |
| Storage Temperature, °C (°F)            | -15 to 40 (+5 to +104)  | -15 to 40 (+5 to +104)  |
| Relative Humidity                       | 0% to 95%, non-condensing                                       | 0% to 95%, non-condensing                                       |
| Operating Elevation                     | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating       | Up to 10,000 ft (3,000 m) at 77°F (25°C) without derating       |
| Audible Noise                           | <58 dBA, at 1 meter from the front                              | <58 dBA, at 1 meter from the front                              |
| <b>Agency</b>                           |   |   |
| Surge Immunity                          | IEC/EN EN61000-4-5, Level 4, Criteria A; ANSI C62 41 Category B | IEC/EN EN61000-4-5, Level 4, Criteria A; ANSI C62 41 Category B |
| Transportation                          | ISTA Procedure 1E   | ISTA Procedure 1E   |
| Safety                                  | UL1778, c-UL listed   | UL1778, c-UL listed   |
| Emissions                               | FCC Part 15 (Class A)   | FCC Part 15 (Class A)   |
| <b>Warranty</b>                         |   |   |
|   | Standard 3-Year Warranty<br>(Including the Battery)             | Standard 3-Year Warranty<br>(Including the Battery)             |



## Accessories

- **Racks and enclosures:** Support a wide variety of equipment with the Vertiv™ VR Rack including servers, storage, switches, routers, PDUs, UPS units, console port servers, and KVM switches.
- **Rails and mounting hardware:** Install equipment with a four-post rail kit and hardware for mounting in a 19- or 23-inch rack or choose a two-post telecom rack for front- or mid-chassis, wall, or Zero U configuration.
- **Rack mount PDUs:** For basic or intelligent power distribution that helps prevent overloaded circuits in the data center, choose from products such as upgradable PDUs, inline power meters, transfer switches, and monitoring sensors.
- **Extended battery modules:** Enable scalable runtime for support during extended power outage situations by adding reliable power and protection to new or existing deployments.
- **Environmental sensor:** Maintain knowledge of remote environments with temperature, humidity and leak detection, or monitor available dry-contact sensors for security access control or smoke detection.



## Available Accessories for the Vertiv™ Liebert® GXT5 UPS



### External battery cabinets and replacement battery kits

| UPS               | External battery cabinets | Replacement battery kits |
|-------------------|---------------------------|--------------------------|
| GXT5-5000IRT5UXLN | GXT5-EBC192VRT3U          | GXT5-192VBATKIT (x 1pcs) |
| GXT5-6000IRT5UXLN | GXT5-EBC192VRT3U          | GXT5-192VBATKIT (x 1pcs) |
| GXT5-8000IRT5UXLN | GXT5-EBC192VRT3U          | GXT5-192VBATKIT (x 1pcs) |
| GXT5-10KIRT5UXLN  | GXT5-EBC192VRT3U          | GXT5-192VBATKIT (x 1pcs) |
| GXT5-16KIRT9UXLN  | GXT5-EBC384VRT6U          | GXT5-384VBATKIT (x 1pcs) |
| GXT5-20KIRT9UXLN  | GXT5-EBC384VRT6U          | GXT5-384VBATKIT (x 1pcs) |



### Network Communication Cards and environmental sensors

Vertiv™ Liebert® IntelliSlot™ RDU101 RDU101 Network Card

Optional Intellislot cards are compatible with all Vertiv™ Liebert® PSIS UPS systems

|  | Part Number   | Description  |
|--|---|--|
| <b>Network Communications</b>                              | RDU120  | Network Communication Card with 10/100/1000 Mbps Ethernet, web interface, MIB, configuration cable, and environmental sensor support, UL 2900 certified.   |
|  | RDU101  | Vertiv™ Liebert® IntelliSlot™ web card for SNMP and web management. Supports environmental sensors.  |
|  | IS-RELAY  | Vertiv™ Liebert® IntelliSlot™ Interface Kit for Relay Contacts   |
| <b>Vertiv™ Liebert® RDU101 Card Environmental Sensors*</b> | SN-Z01  | Integrated cable with single temperature sensor  |
|  | SN-Z02  | Integrated cable with three temperature sensors  |
|  | SN-Z03  | Integrated cable with three temperature and one humidity sensors   |
|  | SN-T  | Modular with single temperature sensor   |
|  | SN-TH   | Modular with single temperature and single humidity sensor   |
|  | SN-2D   | Modular with two door contact inputs   |
|  | SN-3C   | Modular with three dry contact inputs  |
|  | SN-L20  | Modular leak zone sensor with 20 foot cable (Liebert RDU-S only)   |
|  | <b>Vertiv™ Liebert® IntelliSlot™ RDU120 Card Environmental Sensors**</b>  | A2D-10   |
| A2D-50   |   | Analog to digital converter provides the ability to connect a dry contact, 0-10V, or 4-20mA sensor to a Plug-n-Play sensor port. Includes a 10ft / 3m cable.   |
| GT3HD  |   | Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable.    |
| GT3HD-50   |   | Temperature, humidity, and dew point sensor with dual inputs for included 3ft / .9m and 6ft / 1.8m temperature sensors for monitoring top, middle, and bottom of a rack or cabinet. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable. |
| GTHD   |   | Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 10ft / 3m cable.   |
| GTHD-50  |   | Temperature, humidity, and dew point sensor. Includes a supplementary input for daisy-chaining additional sensors. Includes 50ft / 15.2m cable.  |
| SRT-12   |   | Temperature sensor used to monitor temperature in critical environments. Includes a 12ft / 3.6m cable.   |
| SRT-20   |   | Temperature sensor used to monitor temperature in critical environments. Includes a 20ft / 6.1m cable.   |
| SRT-50   |   | Temperature sensor used to monitor temperature in critical environments. Includes a 50ft / 15.2m cable.  |
| SRT-100  |   | Temperature sensor used to monitor temperature in critical environments. Includes a 100ft / 30.4m cable.   |
| RTAFHD3-12   |   | Temperature, airflow, humidity, and dew point sensor. Includes 12ft / 3.6m cable.  |
| RTAFHD3-20   |   | Temperature, airflow, humidity, and dew point sensor. Includes 20ft / 6.1m cable.  |
| RTAFHD3-50   |   | Temperature, airflow, humidity, and dew point sensor. Includes 50ft / 15.2m cable.   |
| RTAFHD3-100  |   | Temperature, airflow, humidity, and dew point sensor. Includes 100ft / 30.4m cable.  |
| FS-15  |   | 0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 15ft / 4.5m cable.   |
| FS-100   |   | 0-5VDC conductivity based flood sensor used to detect the presence of water. Includes a 100ft / 30.4m cable  |
| RDPS   |   | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 30ft / 9.1m cable.  |
| RDPS-50  | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 50ft / 15.2m cable.              |  |
| RDPS-100   | Magnetic normally-closed dry-contact sensor used to monitor remote door position. Includes 100ft / 30.4m cable.             |  |
| PFS-100 US   | 0-5V power failure sensor to monitor the presence of utility power. Includes a 100ft / 30.4m cable and US NEMA power supply |  |

\* Only compatible with Vertiv™ Liebert® IntelliSlot™ RDU101 Network Card

\*\*Only compatible with Vertiv™ Liebert® IntelliSlot™ RDU120 Network Card



VMBC-20KIRT4U

### Vertiv™ Maintenance Bypass Cabinet Option

Integrated lock out/tag out for maximum site and personnel safety

| MBC Model Number | Dimensions              | Input | Output   | Compatible UPS                       |
|------------------|-------------------------|-------|--|--------------------------------------|
| VMBC-20KIRT4U    | 430W x 550D x 173H (mm) | L-N-G | Hardwired / 3x IEC 309 32A & 12x IEC C13/C19 combo | GXT5-16KIRT9UXLN<br>GXT5-16KIRT9UXLN |

### Power Output Distribution (POD) Options

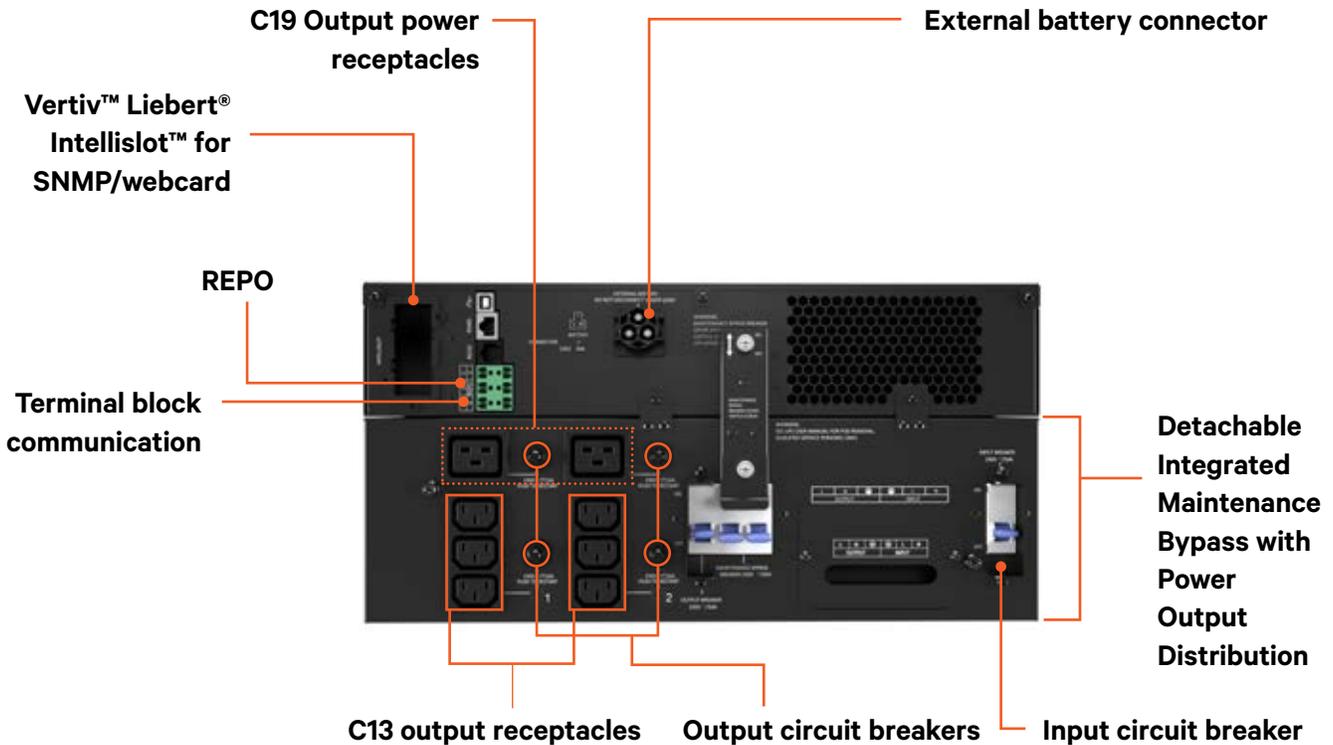
| Part Number | Description                                    | Compatible UPS Models              |
|-------------|--|------------------------------------|
| PD2-200     | (4) IEC320-C19, (4) IEC320-C13                 | GXT5-16KIRT9UXLN, GXT5-20KIRT9UXLN |
| PD2-201     | (2) IEC320-C19, (8) IEC320-C13                 | GXT5-16KIRT9UXLN, GXT5-20KIRT9UXLN |
| PD2-202     | (12) IEC320-C13                                | GXT5-16KIRT9UXLN, GXT5-20KIRT9UXLN |
| PD2-203     | (4) IEC309 32A, (2) IEC320 C13, (4) IEC320 C19 | GXT5-16KIRT9UXLN, GXT5-20KIRT9UXLN |
| PD2-204     | (2) IEC309-32A, (3) IEC320-C13                 | GXT5-16KIRT9UXLN, GXT5-20KIRT9UXLN |

## Vertiv™ UPS Software Benefits Ladder

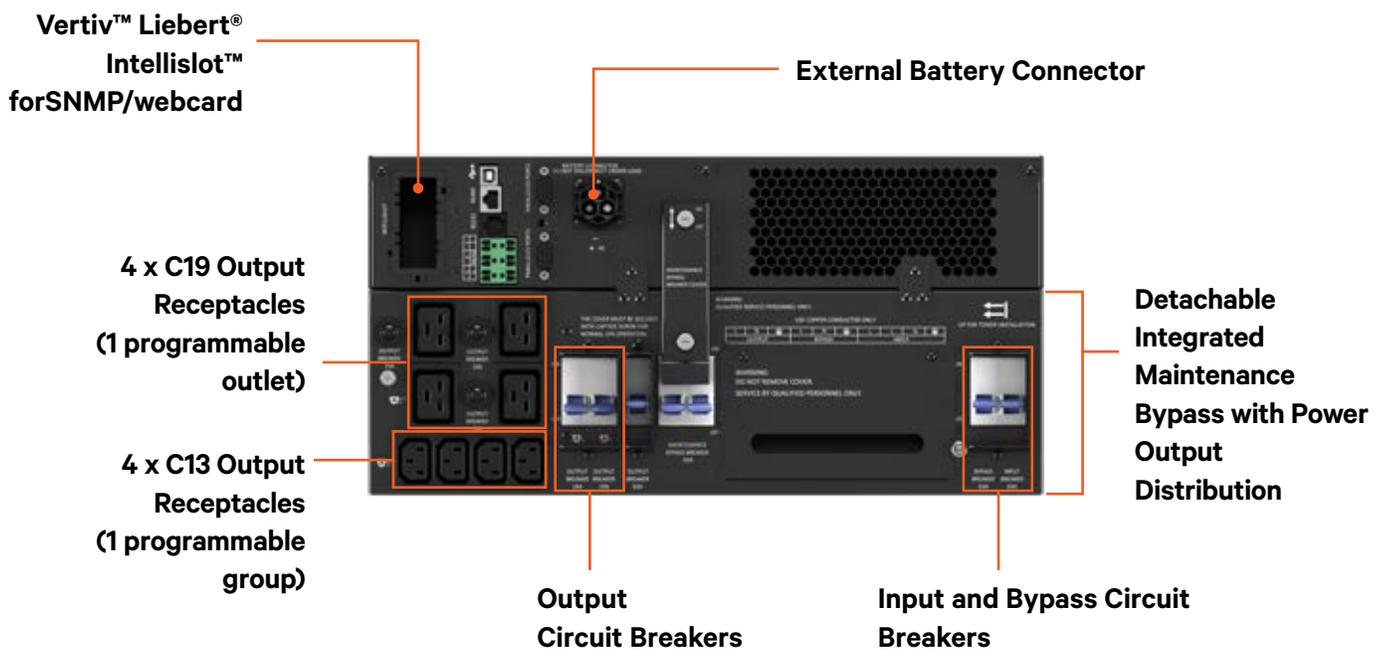
| Feature                   | Vertiv™ Power Assist | Vertiv™ Power Insight    | Vertiv™ Environet™ Alert    | Vertiv™ Avocent® DSView™ Solutions | Vertiv™ Environet™ Connect |
|---------------------------|----------------------|--------------------------|-----------------------------|------------------------------------|----------------------------|
| <b>Management</b>         |                      |                          |                             |                                    |                            |
| Mass Device Provisioning  |                      |                          |                             |                                    | •                          |
| Mass Device Configuration |                      |                          |                             |                                    | •                          |
| Mass Firmware Upgrade     |                      |                          |                             | •                                  | •                          |
| Hypervisor Plugin         |                      | vCenter, vXRail, Nutanix |                             |                                    |                            |
| Automated Server Shutdown | •                    | •                        |                             |                                    |                            |
| <b>Reporting</b>          |                      |                          |                             |                                    |                            |
| Analytics and Reporting   |                      |                          | •                           |                                    | •                          |
| Historical Data           |                      | •                        | •                           |                                    | •                          |
| Thresholds and Alerts     |                      | •                        | •                           | •                                  | •                          |
| Alarm Management          | •                    | •                        | •                           | •                                  | •                          |
| <b>Monitoring</b>         |                      |                          |                             |                                    |                            |
| IT Device Monitoring      |                      |                          |                             | •                                  |                            |
| Thermal Monitoring        |                      |                          | •                           |                                    | •                          |
| Power Monitoring          | UPS Only             | UPS and Rack PDU         | •                           | UPS, Rack PDU, Servers             | •                          |
| <b>Specifications</b>     |                      |                          |                             |                                    |                            |
| Protocol Support          | USB/SNMP             | SNMP                     | SNMP, Modbus TCP, BACnet IP | SNMP, IPMI, Redfish                | SNMP                       |
| Equipment Support         | Vertiv Only          | Vertiv Only              | Multi-Vendor                | Multi-Vendor                       | Multi-Vendor               |
| Max. Devices Support      | 2                    | 100                      | Scalable                    | Scalable                           | Scalable                   |
| Software Architecture     | On-prem              | On-prem                  | On-Prem                     | On-Perm                            | Multi-Tenant Cloud based   |
| Licensing                 | Free                 | Free                     | Perpetual                   | Subscription                       | Subscription               |



## Vertiv™ Liebert® GXT5 Rear Panel (5-6 kVA)



## Vertiv™ Liebert® GXT5 Rear Panel (8-10 kVA)



## Vertiv™ Liebert® GXT5 Rear Panel (16-20 kVA)

### Vertiv™ Liebert® IntelliSlot™ RDU120 Network Communication

Local Web and SNMP interface. Management and notification across networks.



### Communications

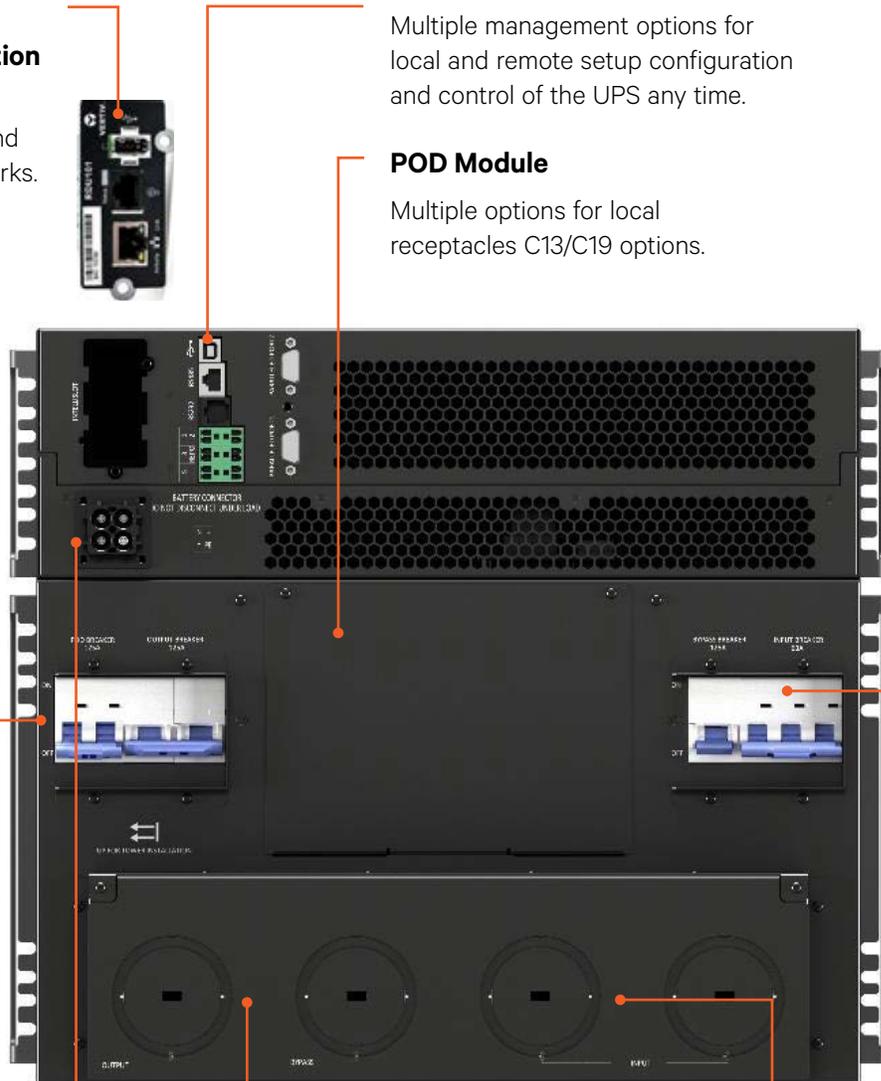
Multiple management options for local and remote setup configuration and control of the UPS any time.

### POD Module

Multiple options for local receptacles C13/C19 options.

### Input Protection

Prevent equipment damage from a short circuit of overload.



### Output Protection

UPS and POD output circuit breaker protection.

### External Battery Cabinet Connector

Scalable runtime in rack mount configurations. Longer runtimes for critical work completion, work load migration and critical equipment shutdown.

### Hardwire Output Connection

Output to panel board distribution or rack PDU for management and control to rack level equipment.

### Hardwire Input Connection

For easy installation and reach to available power source.



**Vertiv.com** | Vertiv Headquarters, 505 N Cleveland Ave, Westerville, OH 43082, USA

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