



BRISK WORLDWIDE  
sales@briskworldwide.com  
210-253-1911

## Vertiv™ Lithium-Ion UPS Catalog

Vertiv™ Lithium-ion UPS  
1,000 – 10,000VA  
Rackmount and Tower



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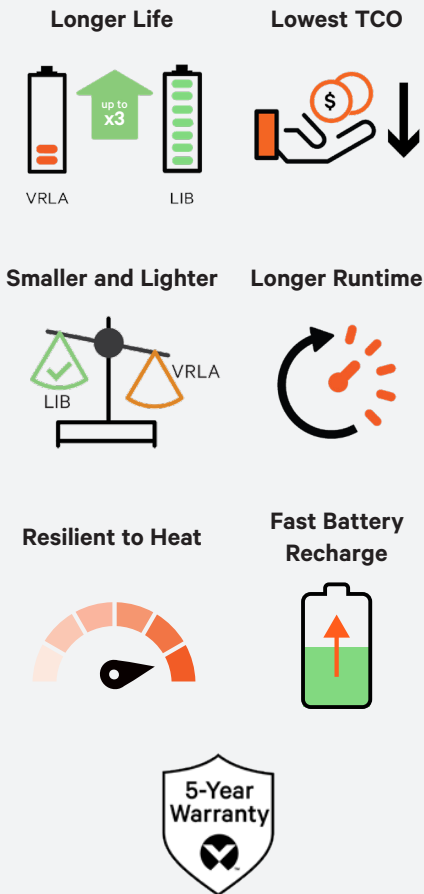
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## Why should you choose Lithium-Ion Technology?



## Environmentally Friendly

- Lithium-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

*Upgrading to a Vertiv™ Lithium-ion UPS is a win for your business and the environment.*

## Industry Leading Portfolio of Lithium-ion UPS

### Vertiv™ Liebert® PSI5 Lithium-Ion UPS



- Line-Interactive UPS with AVR
- 1,500 – 3,000VA
- Rack/Tower Convertible
  - Tower & Short Depth Options
- 4-6ms Transfer Time to Battery

#### Great For:

- Network Closets
- Server Rooms
- Wall-mount & 2 Post racks
- Retail Kiosks
- E-Rate eligible

### Vertiv™ Liebert® GXT5 Lithium-Ion UPS



- Online Double-Conversion
- 1,000 – 10,000VA
- Rack/Tower Convertible
  - Scalable Runtime Options
- Zero Transfer Time to Battery

#### Great For:

- Network Closets
- Server Rooms
- Edge Data Centers, IDF/MDF
- Mission critical equipment
- E-Rate eligible

## Lithium-Ion Outperforms VRLA when compared...

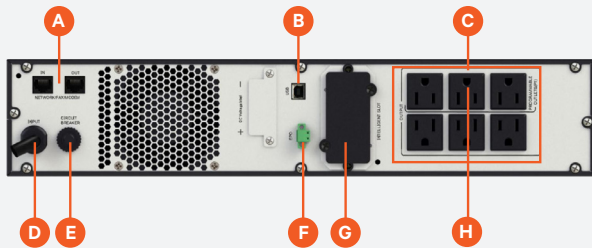
| Battery Feature               | VRLA Battery | Lithium-Ion Battery | Lithium-Ion Benefit                                                                       |
|-------------------------------|--------------|---------------------|-------------------------------------------------------------------------------------------|
| Standard battery life         | 3-5 years    | 8-10 years          | Up to 3 times longer life                                                                 |
| Typical cycle life            | 200-260      | 2000                | Up to 10x more discharge/recharge cycles                                                  |
| Battery recharge time (@ 90%) | 3-6 hours    | <2 hours            | Fast recovery time safeguards your critical IT equipment in the event of multiple outages |
| Battery weight                | 35 kg        | 22 kg               | 45% lighter making it ideal for small spaces and wall-mount racks                         |
| Warranty                      | 2 or 3 years | 5 years             | Worry free operation so you can set-it and forget-it                                      |

## Vertiv™ Liebert® PSI5 Lithium-Ion UPS Models

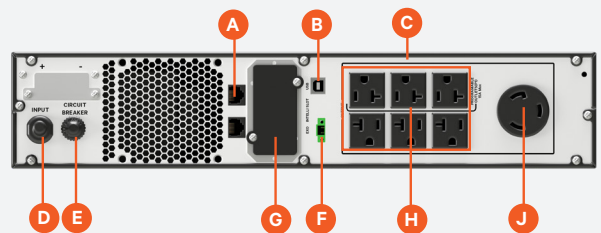
1,500-3,000VA 120VAC

The Liebert® PSI5 Lithium-Ion also includes automatic voltage regulation (AVR) technology, which protects against utility voltage fluctuation, extends battery life by maximizing time on utility power, and provides premium protection from power disturbances. In battery mode, the Liebert PSI5 delivers pure sine wave output to protect sensitive servers and networking equipment. With up to 9 minutes of runtime at full load and 20 minutes at half load – more than comparable competing models – the Liebert PSI5 Lithium-Ion provides plenty of runtime during an outage for an orderly shutdown. It comes with a rotating LCD display to allow both rack and tower configurations, provides real time information regarding UPS status and operating conditions, and supports remote monitoring. It's also highly energy efficient, delivering up to 98% efficiency at full load in normal operating mode. You can rest assured your business is protected with this Vertiv™ solution, which includes a 5-year full standard warranty.

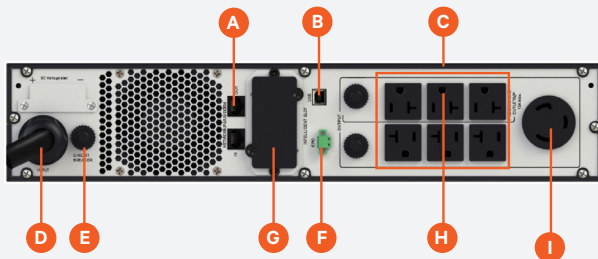
### Liebert® PSI5-1500RT120LI



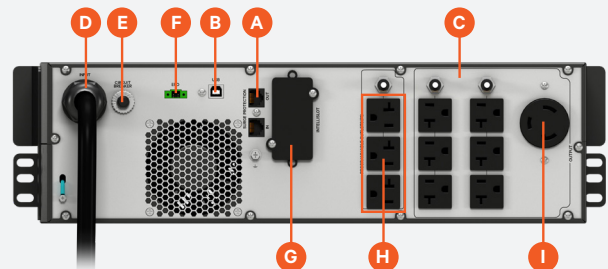
### Liebert® PSI5-2200RT120LI



### Liebert® PSI5-3000RT120LI

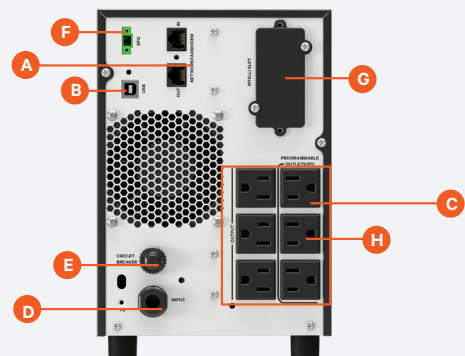


### Liebert® PSI5-3000SRT120LI



- A RJ-45 Data Line Surge Connectors
- B USB Port
- C Output Receptacles
- D Input Power Cord
- E Input Circuit Breaker
- F Emergency Power Off (EPO) Connector
- G Liebert® IntelliSlot™ (Optional Communications Card)
- H Programmable Outlet Group
- I NEMA L5-30R Output Receptacle
- J NEMA L5-20R Output Receptacle

### Liebert® PSI5-1500MT120LI



## Vertiv™ Liebert® PSI5 Lithium-Ion UPS Specifications

### 1,500-3,000VA 120VAC

| Standard Models*                        | PSI5-1500MT120LI                                                                                                                  | PSI5-1500RT120LI                        | PSI5-2200RT120LI                        | PSI5-3000RT120LI                        | PSI5-3000SRT120LI                         |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------------------------------------|
| Form Factor                             | Mini Tower                                                                                                                        | 2U Rack/Tower                           | 2U Rack/Tower                           | 2U Rack/Tower                           | 3U Rack/Tower                             |
| Power Rating                            | 1500VA / 1350W                                                                                                                    | 1500VA / 1350W                          | 1920VA / 1920W                          | 3000VA / 2700W                          | 3000VA / 2700W                            |
| Dimensions, W X D X H, IN (MM)          |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Unit                                    | 6.3 x 15.6 x 8.7<br>(158 x 397 x 220)                                                                                             | 17.2 x 16.2 x 3.4<br>(438 x 411 x 86)   | 17.2 x 20.1 x 3.4<br>(438 x 510 x 86)   | 17.2 x 24.8 x 3.4<br>(438 x 630 x 86)   | 17.3 x 16.9 x 5.14<br>(438 x 430 x 130.6) |
| Rackmount depth                         | -                                                                                                                                 | 15 (380)                                | 18.9 (480)                              | 23.62 (600)                             | 15.7 (400)                                |
| Shipping                                | 9.1 x 19.5 x 12.8<br>(230 x 495 x 325)                                                                                            | 10.2 x 22.9 x 22.4<br>(258 x 582 x 570) | 10.2 x 26.5 x 22.4<br>(258 x 672 x 570) | 10.2 x 30.8 x 21.7<br>(258 x 782 x 550) | 26.4 x 22.4 x 11.1<br>(670 x 570 x 282)   |
| Weight, LB (KG)                         |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Unit                                    | 27.9 (12.7)                                                                                                                       | 28.3 (12.9)                             | 39.5 (18.0)                             | 53.5 (24.3)                             | 56 (25.4)                                 |
| Shipping                                | 31.2 (14.2)                                                                                                                       | 42.1 (19.1)                             | 53.8 (24.4)                             | 67.9 (30.8)                             | 67.9 (30.8)                               |
| Input/Output AC Parameters              |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Input Plug                              | NEMA 5-15P (90deg type)                                                                                                           | NEMA 5-15P                              | NEMA L5-20P<br>(5-20 Adapter included)  | NEMA L5-30P                             | NEMA L5-30P                               |
| Input Cord                              | 6ft (1.8m) Attached                                                                                                               | 10ft (3m) Attached                      | 10ft (3m) Attached                      | 10ft (3m) Attached                      | 10ft (3m) Attached                        |
| Non-Programmable Receptacles            | (3) NEMA 5-15R                                                                                                                    | (3) NEMA 5-15R                          | (1) NEMA L5-20R,<br>(3) NEMA 5-20R      | (1) NEMA L5-30R,<br>(3) NEMA 5-20R      | (1) NEMA L5-30R,<br>(6) NEMA 5-15/20R     |
| Programmable Receptacles                | (3) NEMA 5-15R                                                                                                                    | (3) NEMA 5-15R                          | (3) NEMA 5-20R                          | (3) NEMA 5-20R                          | (3) NEMA 5-15/20R                         |
| Nominal Voltage Setting                 | 120VAC Default; 100/110/115/125VAC User Selectable                                                                                |                                         |                                         |                                         |                                           |
| Voltage Range Without Battery Operation | 75 - 146VAC                                                                                                                       |                                         |                                         |                                         |                                           |
| Frequency Range                         | 55-65Hz (57-63Hz Battery to Normal Comeback)                                                                                      |                                         |                                         |                                         |                                           |
| Surge Protection                        | ANSI C62.41, Category A, Level 3                                                                                                  |                                         |                                         |                                         | ANSI C62.41, Category B                   |
| Transfer Time                           | 4 - 6ms Typical                                                                                                                   |                                         |                                         |                                         |                                           |
| Battery Waveform                        | Pure Sine Wave                                                                                                                    |                                         |                                         |                                         |                                           |
| Efficiency                              |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Normal (Line) Mode                      | 97.1%                                                                                                                             | 97.1%                                   | 97.1%                                   | 97.3%                                   | 97.3%                                     |
| Battery Parameters                      |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Type                                    | Lithium-Ion (LiFePO4)                                                                                                             |                                         |                                         |                                         |                                           |
| Recharge Time (from full discharge)     | 2hrs to 90%                                                                                                                       | 2hrs to 90%                             | 2hrs to 90%                             | 2hrs to 90%                             | 2hrs to 90%                               |
| Full-Load Runtime                       | 7.5 min                                                                                                                           | 7.5 min                                 | 8.6 min                                 | 8.9 min                                 | 7.7 min                                   |
| Half-Load Runtime                       | 17.7 min                                                                                                                          | 17.7 min                                | 19.0 min                                | 20.0 min                                | 18.3 min                                  |
| Environmental                           |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Operating Temperature,*F (°C)           | 32° to 104° (0° to 40°)                                                                                                           |                                         |                                         |                                         |                                           |
| Storage Temperature °F (°C)             | 5° to 120° (-15° to 50°)                                                                                                          |                                         |                                         |                                         |                                           |
| Relative Humidity                       | 20% – 90%, non-condensing                                                                                                         |                                         |                                         |                                         |                                           |
| Operating Altitude, ft (m)              | 0 to 9,942 (0 to 3,000) without derating. Operating temperature reduced 9°F (5 °C) for each additional 1,640ft (500m) of altitude |                                         |                                         |                                         |                                           |
| Audible Noise                           | < 45 dB @ line mode, < 55 dB @ battery mode                                                                                       |                                         |                                         |                                         |                                           |
| Certifications                          |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Safety                                  | UL 1642 (LiFe cells), UL 1973 (LiFe pack), UL 1778, CSA 22.2 no. 107.3                                                            |                                         |                                         |                                         |                                           |
| Agency                                  | UL 1778, c-UL, NOM, FCC Part 15, Class B                                                                                          |                                         |                                         |                                         |                                           |
| Environmental                           | RoHS2 / REACH / WEEE                                                                                                              |                                         |                                         |                                         |                                           |
| Network Surge                           | ANSI C62.41, Category A, Level 3                                                                                                  |                                         |                                         |                                         |                                           |
| Transportation                          | ISTA Procedure 2A<br>UN 38.3 (Lithium-ion)                                                                                        |                                         |                                         |                                         |                                           |
| Warranty                                | 5 years on UPS and Battery                                                                                                        |                                         |                                         |                                         |                                           |
| Protection Plan                         |                                                                                                                                   |                                         |                                         |                                         |                                           |
| Equipment Protection Plan               | \$400,000                                                                                                                         |                                         |                                         |                                         |                                           |

\*Liebert PSI5 2U Rack/Tower UPS + RDU120 card bundles available - Add an "N" to the end of the model number. Available through select distributors."

## Vertiv™ Liebert® GXT5 Lithium-Ion UPS Models

### 1-3kVA 120VAC

#### 1000-1500VA – 120V Rack/Tower

##### External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

##### 4 x Individually Controllable Receptacle

Manage load on battery and control unauthorized access to UPS receptacle



##### Communications

IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

##### NEMA 5/15P input with over current protection

Simple installation and power on with connected input cord

#### 2000VA – 120V Rack/Tower

##### External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

##### NEMA L5-20R

Support larger devices or rack PDU

##### 4x Individually Controllable Receptacle, 2x Always on Receptacles

Manage load on battery and control unauthorized access to UPS receptacle



##### Communications

IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

##### NEMA L5-20P input with over current protection

Includes NEMA 5-20 Adapter for non-locking receptacles

#### 3000VA – 120V Rack/Tower

##### External Battery Connector

Scalable runtime solution supported for extended outage protection (up to 8 External Battery Cabinets)

##### NEMA L5-30R

Support larger devices or rack PDU

##### 4x Individually Controllable Receptacle, 2x Always on Receptacles

Manage load on battery and control unauthorized access to UPS receptacle



##### Communications

IntelliSlot™ (Web/SNMP Card), Serial Port, Dry Contacts, USB Port for Local and Remote Configuration and UPS Management

##### NEMA L5-30P input with over current protection

Simple installation and power on with connected input cord

## Vertiv™ Liebert® GXT5 Lithium-Ion UPS Specifications

### 1-3kVA 120VAC

| Standard Models<br>Models with RDU101 Network Card* | GXT5LI-1000LVRT2UXL<br>GXT5LI-1000LVRT2UXLN                                                            | GXT5LI-1500LVRT2UXL<br>GXT5LI-1500LVRT2UXLN                                                            | GXT5LI-2000LVRT2UXL<br>GXT5LI-2000LVRT2UXLN                                                            | GXT5LI-3000LVRT2UXL<br>GXT5LI-3000LVRT2UXLN                                                            |
|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Form Factor                                         | 2U Rack/Tower                                                                                          | 2U Rack/Tower                                                                                          | 2U Rack/Tower                                                                                          | 2U Rack/Tower                                                                                          |
| Power Rating                                        | 1000VA / 1000W                                                                                         | 1500VA / 1350W                                                                                         | 2000VA / 1800W                                                                                         | 3000VA / 2700W                                                                                         |
| <b>Dimensions, W X D X H, IN (MM)</b>               |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Unit                                                | 16.9 x 17.3 x 3.4 (430 x 446 x 85)                                                                     | 16.9 x 18.7 x 3.4 (430 x 476 x 85)                                                                     | 16.9 x 18.7 x 3.4 (430 x 476 x 85)                                                                     | 16.9 x 21.5 x 3.4 (430 x 546 x 85)                                                                     |
| Shipping                                            | 22.4 x 23.5 x 9.5 (570 x 597 x 242)                                                                    | 22.4 x 23.5 x 9.5 (570 x 597 x 242)                                                                    | 22.4 x 23.5 x 9.5 (570 x 597 x 242)                                                                    | 22.4 x 28.2 x 9.5 (570 x 717 x 242)                                                                    |
| <b>Weight, LB (KG)</b>                              |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Unit                                                | 37.5lbs (17kg)                                                                                         | 39.7lbs (18kg)                                                                                         | 39.7lbs (18kg)                                                                                         | 48.5lbs (22kg)                                                                                         |
| Shipping                                            | 47.6lbs (21.6kg)                                                                                       | 52.9lbs (24kg)                                                                                         | 52.9lbs (24kg)                                                                                         | 59.7lbs (27.1kg)                                                                                       |
| <b>Input/Output AC Parameters</b>                   |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Input Plug                                          | NEMA 5-15P                                                                                             | NEMA 5-15P                                                                                             | NEMA L5-20P                                                                                            | NEMA L5-30P                                                                                            |
| Input Cord                                          | 10ft (3m) Attached                                                                                     | 10ft (3m) Attached                                                                                     | 10ft (3m) Attached<br>L5-20 To 5-20P Adapter                                                           | 10ft (3m) Attached                                                                                     |
| Total Receptacles                                   | (6) NEMA 5-15R                                                                                         | (6) NEMA 5-15R                                                                                         | (1) NEMA L5-20R,<br>(6) NEMA 5-15/20R                                                                  | (1) NEMA L5-30R,<br>(6) NEMA 5-15/20R                                                                  |
| Programmable Receptacles                            | (4) NEMA 5-15R                                                                                         | (4) NEMA 5-15R                                                                                         | (4) NEMA 5-15/20R                                                                                      | (4) NEMA 5-15/20R                                                                                      |
| Nominal Voltage Setting                             | 120VAC Default;<br>100/110/115/120V/125VAC<br>(User-Configurable)                                      | 120VAC Default;<br>100/110/115/120V/125VAC<br>(User-Configurable)                                      | 120VAC Default;<br>100/110/115/120V/125VAC<br>(User-Configurable)                                      | 120VAC Default;<br>100/110/115/120V/125VAC<br>(User-Configurable)                                      |
| Voltage Range Without<br>Battery Operation          | Nominal (Full Load): 102 - 150 VAC;<br>Maximum: 60 - 150 VAC                                           | Nominal (Full Load): 102 - 150 VAC;<br>Maximum: 60 - 150 VAC                                           | Nominal (Full Load): 102 - 150 VAC;<br>Maximum: 60 - 150 VAC                                           | Nominal (Full Load): 102 - 150 VAC;<br>Maximum: 60 - 150 VAC                                           |
| Frequency Range                                     | 40~70Hz                                                                                                | 40~70Hz                                                                                                | 40~70Hz                                                                                                | 40~70Hz                                                                                                |
| Surge Protection                                    | ANSI C62.41, Category B                                                                                | ANSI C62.41, Category B                                                                                | ANSI C62.41, Category B                                                                                | ANSI C62.41, Category B                                                                                |
| Transfer Time                                       | 0 ms                                                                                                   | 0 ms                                                                                                   | 0 ms                                                                                                   | 0 ms                                                                                                   |
| Battery Waveform                                    | Pure Sine Wave                                                                                         | Pure Sine Wave                                                                                         | Pure Sine Wave                                                                                         | Pure Sine Wave                                                                                         |
| <b>Battery Parameters</b>                           |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Type                                                | Lithium-Ion (LiFePO4)                                                                                  | Lithium-Ion (LiFePO4)                                                                                  | Lithium-Ion (LiFePO4)                                                                                  | 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                                   | 13 min                                                                                                 | 14 min                                                                                                 | 10.5 min                                                                                               | 6.5 min                                                                                                |
| Half-Load Runtime                                   | 28 min                                                                                                 | 28 min                                                                                                 | 22.5 min                                                                                               | 15 min                                                                                                 |
| External Battery Cabinet                            | VEBCLI-48VRT1U                                                                                         | VEBCLI-48VRT1U                                                                                         | VEBCLI-48VRT1U                                                                                         | VEBCLI-48VRT1U                                                                                         |
| <b>Environmental</b>                                |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Operating Temperature,*F (*C)                       | 32°F to 104°F (0°C to 40°C)<br>(10% Derating at 50°C)                                                  | 32°F to 104°F (0°C to 40°C)<br>(10% Derating at 50°C)                                                  | 32°F to 104°F (0°C to 40°C)<br>(10% Derating at 50°C)                                                  | 32°F to 104°F (0°C to 40°C)<br>(10% Derating at 50°C)                                                  |
| Storage Temperature °F (*C)                         | -4° to 140° (-20° to 60°)                                                                              | -4° to 140° (-20° to 60°)                                                                              | -4° to 140° (-20° to 60°)                                                                              | -4° to 140° (-20° to 60°)                                                                              |
| Relative Humidity                                   | 0% - 95%, non-condensing                                                                               | 0% - 95%, non-condensing                                                                               | 0% - 95%, non-condensing                                                                               | 0% - 95%, non-condensing                                                                               |
| Operating Altitude, ft (m)                          | 0 to 10,000 (0 to 3,000) w/o Derating<br>(15% Derating at 4000m)                                       | 0 to 10,000 (0 to 3,000) w/o Derating<br>(15% Derating at 4000m)                                       | 0 to 10,000 (0 to 3,000) w/o Derating<br>(15% Derating at 4000m)                                       | 0 to 10,000 (0 to 3,000) w/o Derating<br>(15% Derating at 4000m)                                       |
| Audible Noise                                       | < 48 dB                                                                                                | < 48 dB                                                                                                | < 48 dB                                                                                                | < 48 dB                                                                                                |
| <b>Certifications</b>                               |                                                                                                        |                                                                                                        |                                                                                                        |                                                                                                        |
| Safety                                              | UL 1642 (Li-Ion Battery Cells), UL 1973<br>(Li-Ion Battery Pack w/UPS), UL 1778,<br>CSA 22.2 No. 107.3 | UL 1642 (Li-Ion Battery Cells), UL 1973<br>(Li-Ion Battery Pack w/UPS), UL 1778,<br>CSA 22.2 No. 107.3 | UL 1642 (Li-Ion Battery Cells), UL 1973<br>(Li-Ion Battery Pack w/UPS), UL 1778,<br>CSA 22.2 No. 107.3 | UL 1642 (Li-Ion Battery Cells), UL 1973<br>(Li-Ion Battery Pack w/UPS), UL 1778,<br>CSA 22.2 No. 107.3 |
| Agency                                              | UL 1778, c-UL, NOM, FCC<br>Part 15, Class A                                                            | UL 1778, c-UL, NOM, FCC<br>Part 15, Class A                                                            | UL 1778, c-UL, NOM, FCC<br>Part 15, Class A                                                            | UL 1778, c-UL, NOM, FCC<br>Part 15, Class A                                                            |
| Environmental                                       | RoHS2 / REACH / WEEE                                                                                   | RoHS2 / REACH / WEEE                                                                                   | RoHS2 / REACH / WEEE                                                                                   | RoHS2 / REACH / WEEE                                                                                   |
| Network Surge                                       | IEC 61000-4-5, ANSI C62.41, Category B                                                                 | IEC 61000-4-5, ANSI C62.41, Category B                                                                 | IEC 61000-4-5, ANSI C62.41, Category B                                                                 | IEC 61000-4-5, ANSI C62.41, Category B                                                                 |
| Transportation                                      | ISTA Procedure 2A                                                                                      | ISTA Procedure 2A                                                                                      | ISTA Procedure 2A                                                                                      | ISTA Procedure 2A                                                                                      |
| Warranty                                            | 5 years on UPS and Battery                                                                             | 5 years on UPS and Battery                                                                             | 5 years on UPS and Battery                                                                             | 5 years on UPS and Battery                                                                             |
| Equipment Protection Plan                           | Up To \$500,000<br>(For Covered Equipment)                                                             | Up To \$500,000<br>(For Covered Equipment)                                                             | Up To \$500,000<br>(For Covered Equipment)                                                             | Up To \$500,000<br>(For Covered Equipment)                                                             |

\*Liebert® GXT5 Lithium-Ion Rack/Tower UPS + RDU101 card bundles available through select distributors in North America (by adding an "N" at the end of the standard model number)

# Vertiv™ Lithium-Ion UPS Catalog

## Vertiv™ Liebert® GXT5 Lithium-Ion UPS Models

5-10kVA 120/208VAC

### 5000VA – 120V/208V MV Rack/Tower

#### Communications

IntelliSlot™ (Web/SNMP Card),  
Serial Port, Dry Contacts, USB Port  
for Local and Remote Configuration  
and UPS Management

#### External Battery Connector

Scalable runtime solution supported for extended  
outage protection (up to 8 External Battery Cabinets)



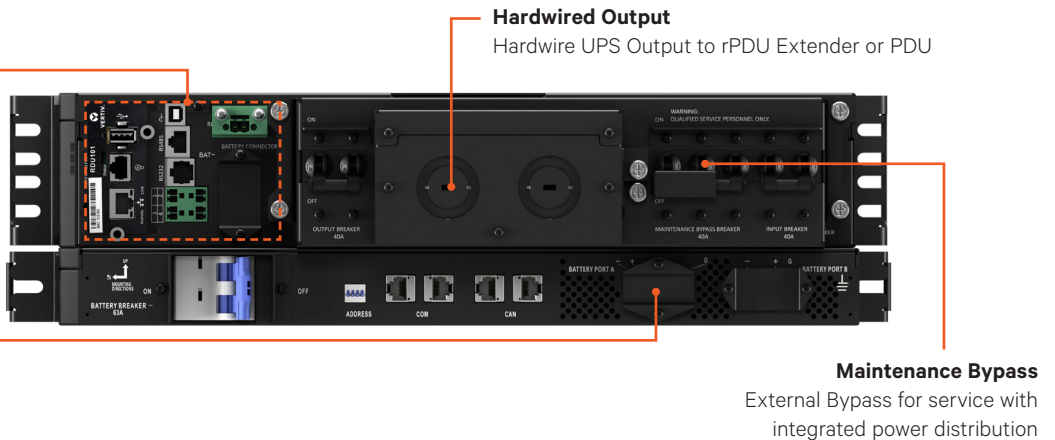
### 6000VA – 120V/208V MV Rack/Tower

#### Communications

IntelliSlot™ (Web/SNMP Card),  
Serial Port, Dry Contacts, USB Port  
for Local and Remote Configuration  
and UPS Management

#### External Battery Connector

Scalable runtime solution supported  
for extended outage protection  
(up to 8 External Battery Cabinets)



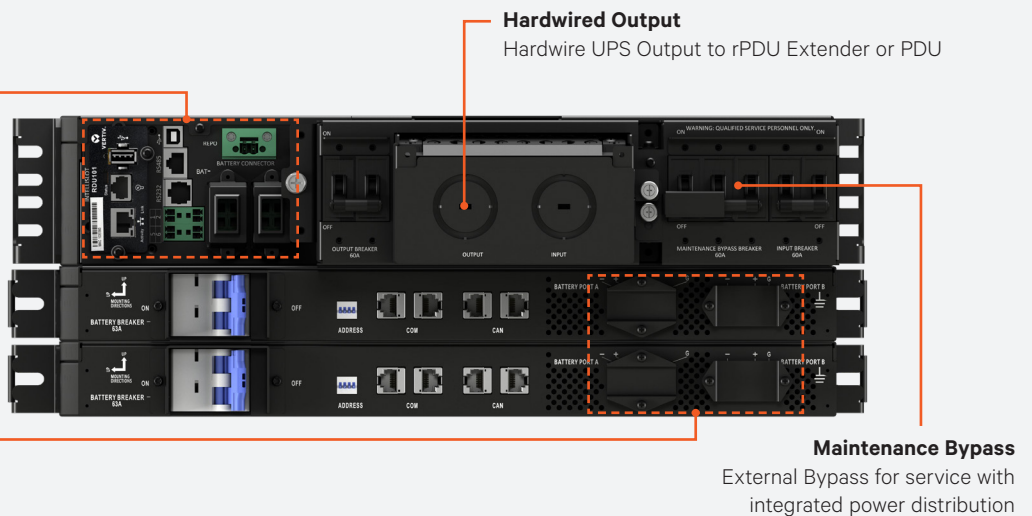
### 8000VA - 10,000 VA – 120V/208V MV Rack/Tower

#### Communications

IntelliSlot™ (Web/SNMP Card),  
Serial Port, Dry Contacts, USB Port  
for Local and Remote Configuration  
and UPS Management

#### External Battery Connector

Scalable runtime solution supported  
for extended outage protection  
(up to 8 External Battery Cabinets)



## Vertiv™ Liebert® GXT5 Lithium-Ion UPS Specifications

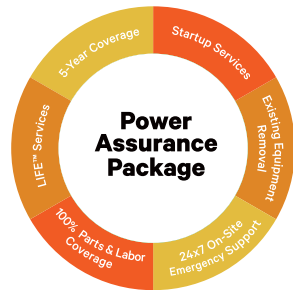
### 5-10kVA 120/208VAC

| Standard Models                            | GXT5LI- 5000MVRT3UXLN                                                                            | GXT5LI-6000MVRT3UXLN                       | GXT5LI-8000MVRT4UXLN                    | GXT5LI-10KMVRT4UXLN        |
|--------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------|----------------------------|
| Form Factor                                | 3U Rack/Tower                                                                                    |                                            | 4U Rack/Tower                           |                            |
| Power Rating                               | 5000 VA / 5000 W                                                                                 | 6000 VA / 6000 W                           | 8000 VA / 8000 W                        | 10,000 VA / 10,000 W       |
| Dimensions, W x D x H, in (mm)             |                                                                                                  |                                            |                                         |                            |
| Unit                                       | 16.9 x 30 x 3.3 (2U)<br>(430 x 865 x 85)                                                         | 16.9 x 35.4 x 3.3 (2U)<br>(430 x 900 x 85) | 16.9 x 36.6 x 3.3 (2U) (430 x 930 x 85) |                            |
| Shipping                                   | 31.4 x 39.3 x 20.9 (798 x 900 x 532)                                                             |                                            | 31.4 x 39.3 x 29.1 (798 x 900 x 739)    |                            |
| Weight, Lb (Kg)                            |                                                                                                  |                                            |                                         |                            |
| Unit with EBCs*                            | 104.9 (47.6)                                                                                     | 100 (45.4)                                 | 156.3 (70.9)                            |                            |
| Unit without EBCs                          | 56.4 (25.6)                                                                                      | 51.5 (23.4)                                | 59.3 (26.9)                             |                            |
| Shipping                                   | 176.3 (80)                                                                                       | 158.7 (72)                                 | 247.7 (112.4)                           |                            |
| Input/Output AC Parameters                 |                                                                                                  |                                            |                                         |                            |
| Input Plug                                 | NEMA L14-30P<br>3m (10ft) Attached)                                                              | Hardwired (L1-L2-N-G)                      | Hardwired (L1-L2-N-G)                   | Hardwired (L1-L2-N-G)      |
| Output                                     | (2) NEMA L14-30R                                                                                 | Hardwired (L1-L2-N-G)                      | Hardwired (L1-L2-N-G)                   | Hardwired (L1-L2-N-G)      |
| Nominal Voltage Setting                    | 208VAC / 120VAC (Default); 240VAC / 120VAC (User-Configurable); ±1%                              |                                            |                                         |                            |
| Voltage Range<br>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<br>(from full discharge)     | < 2hrs to 90%                                                                                    | < 2hrs to 90%                              | < 2hrs to 90%                           | < 2hrs to 90%              |
| Full-Load Runtime                          | 12 min                                                                                           | 10 min                                     | 13 min                                  | 10 min                     |
| Half-Load Runtime                          | 25 min                                                                                           | 21 min                                     | 27 min                                  | 21 min                     |
| Replacement Battery                        | N/A, external battery only                                                                       | N/A, external battery only                 | N/A, external battery only              | N/A, external battery only |
| External Battery Cabinet (quantity)        | VEBCLI-192VRT1U (1)                                                                              | VEBCLI-192VRT1U (1)                        | VEBCLI-192VRT1U (2)                     | VEBCLI-192VRT1U (2)        |
| Environmental Requirements                 |                                                                                                  |                                            |                                         |                            |
| 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.<br>(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)                                                          |                                            |                                         |                            |

\*Liebert GXT5 Lithium-Ion 5kVA and 6kVA units come equipped with (1) EBC. GXT5 Lithium-Ion 8kVA and 10kVA units come equipped with (2) EBCs,

## Power Assurance Services

### Power Assurance Package - Summary



- Includes all "Power Start-up Services" and "Power Emergency Services" support

### Power Startup Services - Summary

- Installation includes mounting and start-up of new UPS (excludes hard-wired applications)
- Services performed by Vertiv factory trained technician
- Services performed 7 X 24, excluding national holidays within the 48 contiguous states and Hawaii
- Removal and disposal of existing UPS or equipment, if selected

### Power Emergency Services - Summary

- On Site Service Support
- Full-service five (5) year contract term commencing upon the start-up date
- 100% parts coverage, including internal batteries, POD and web card
- 100% labor and travel coverage 7 days/week, 24 hours/day
- 24-Hour Customer Resolution Center via 1-800-LIEBERT
- Access to Customer Services Network portal

### Vertiv™ LIFE™ Services includes above plus:

- Continuous Monitoring, Expert Analysis, and Proactive Response

Note: LIFE™ Services requires a Network Card.

Please refer to the appropriate Scope of Work for additional details.

## Vertiv™ Liebert® PSI5 Lithium-Ion

### Power Assurance Package

| Bundled Start-up Service AND 5-Year On-site Emergency Response | Standard      | With LIFE™ Services | With Removal     | With LIFE™ and Removal |
|----------------------------------------------------------------|---------------|---------------------|------------------|------------------------|
| Equipment Model / Type                                         | Part Number   | Part Number         | Part Number      | Part Number            |
| Liebert PSI5 Lithium-Ion UP TO 3KVA                            | PAPPSI-1K3KLI | PAPPSI-1K3KLILF     | PAPPSI-1K3KLIRMV | PAPPSI-1K3KLIRLF       |

### Power Startup Services

| Startup Service Only                | Standard    | With Removal  |
|-------------------------------------|-------------|---------------|
| Equipment Model / Type              | Part Number | Part Number   |
| Liebert PSI5 Lithium-Ion UP TO 3KVA | SUPSI-1k3k  | SUPSI-1k3krmv |

### Power Emergency Services

| 5-Year On-site Emergency Coverage - Only | Standard        | With LIFE™ Services |
|------------------------------------------|-----------------|---------------------|
| Equipment Model / Type                   | Part Number     | Part Number         |
| Liebert PSI5 Lithium-Ion 1500VA          | PEPPSI-1500LI5Y | PEPPSI-1500LILF     |
| Liebert PSI5 Lithium-Ion 2200VA          | PEPPSI-2200LI5Y | PEPPSI-2200LILF     |
| Liebert PSI5 Lithium-Ion 3000VA          | PEPPSI-3000LI5Y | PEPPSI-3000LILF     |

## Vertiv™ Liebert® GXT5 Lithium-Ion, 1-3kVA

### Power Assurance Package

| Bundled Start-up Service AND 5-Year On-site Emergency Response | Standard         | With LIFE™ Services | With Removal        | With LIFE™ and Removal |
|----------------------------------------------------------------|------------------|---------------------|---------------------|------------------------|
| Equipment Model / Type                                         | Part Number      | Part Number         | Part Number         | Part Number            |
| Liebert GXT5 LI UP TO 3 KVA                                    | PAPGXTLI-1K3K    | PAPGXTLI-1K3KLF     | PAPGXTLI-1K3KRMV    | PAPGXTLI-1K3KRFLF      |
| External Battery Cabinets (48V)                                | PAPGXTLI-48VBATT | N/A                 | PAPGXTLI-48VBATTRMV | N/A                    |

### Power Startup Services

| Startup Service Only           | Standard      | With Removal     |
|--------------------------------|---------------|------------------|
| Equipment Model / Type         | Part Number   | Part Number      |
| Liebert GXT5 LI UP TO 3 KVA    | SUGXT-1K3K    | SUGXT-1K3KRMV    |
| External Battery Cabinet (48V) | SUGXT-EXTBTCB | SUGXT-EXTBTCBRMV |

### Power Emergency Services

| 5-Year On-site Emergency Coverage - Only | Standard           | With LIFE™ Services |
|------------------------------------------|--------------------|---------------------|
| Equipment Model / Type                   | Part Number        | Part Number         |
| Liebert GXT5 LI 1-3 KVA                  | PEPGXTLI-1K3K5YR   | PEPGXTLI-1K3KLF     |
| Lithium-Ion External Battery Cabinet 48V | PEPGXTLI-48VBAT5YR | N/A                 |

## Vertiv™ Liebert® GXT5 Lithium-Ion, 5-10kVA

### Power Assurance Package

| Bundled Start-up Service AND 5-Year On-site Emergency Response | Standard          | With LIFE™ Services | With Removal         | With LIFE™ and Removal |
|----------------------------------------------------------------|-------------------|---------------------|----------------------|------------------------|
| Equipment Model / Type                                         | Part Number       | Part Number         | Part Number          | Part Number            |
| Liebert GXT5 LI 5KVA TO 6KVA                                   | PAPGXTLI-5K6K     | PAPGXTLI-5K6KLF     | PAPGXTLI-5K6KRMV     | PAPGXTLI-5K6KRFLF      |
| Liebert GXT5 LI 8KVA TO 10KVA                                  | PAPGXTLI-8-10K    | PAPGXTLI-8-10KLF    | PAPGXTLI-8-10KRMV    | PAPGXTLI-8-10KRFLF     |
| External Battery Cabinets (192V)                               | PAPGXTLI-192VBATT | N/A                 | PAPGXTLI-192VBATTRMV | N/A                    |

### Power Startup Services

| Startup Service Only            | Standard      | With Removal     |
|---------------------------------|---------------|------------------|
| Equipment Model / Type          | Part Number   | Part Number      |
| Liebert GXT5 LI 5KVA TO 6KVA    | SUGXT-5-6U7   | SUGXT-5-6U7RMV   |
| Liebert GXT5 LI 8KVA TO 10KVA   | SUGXT-8-10U7  | SUGXT-8-10U7RMV  |
| External Battery Cabinet (192V) | SUGXT-EXTBTCB | SUGXT-EXTBTCBRMV |

### Power Emergency Services

| 5-Year On-site Emergency Coverage - Only  | Standard            | With LIFE™ Services |
|-------------------------------------------|---------------------|---------------------|
| Equipment Model / Type                    | Part Number         | Part Number         |
| Liebert GXT5 LI5-6KVA                     | PEPGXTLI-5K6K5YR    | PEPGXTLI-5K6KLF     |
| Liebert GXT5 LI8-10KVA                    | PEPGXTLI-8K10K5YR   | PEPGXTLI-8K10KLF    |
| Lithium-Ion External Battery Cabinet 192V | PEPGXTLI-192VBAT5YR | N/A                 |

