

Liebert® GXT5™ UPS



6000VA HV, 208V (L1, L2, G) IN, 208V OUT

Liebert GXT5-6KL630RT5UXLN

Quick Installation Guide



Thank you for your recent purchase of a Vertiv UPS! We appreciate your business and are confident that your new product will provide many years of uninterruptible power to your connected equipment. With this purchase, you may also want to consider Vertiv's complete line-up of Racks, PDU's, Thermal Solutions, KVM Switches, and Serial Consoles. Vertiv also offers a broad array of Services and Extended Warranties. If you require any support, please don't hesitate to reach out to Vertiv or one of our Resellers or Local Rep Firms. We stand ready to support you.

We sincerely hope that you'll continue to select Vertiv for all of your future infrastructure needs!

The Vertiv Team

IMPORTANT: Before installing, connecting to supply or operating your Liebert® GXT5 UPS, please review the Safety and Regulatory Statements sheet. For detailed installation, operating, maintenance and troubleshooting information refer to the Liebert GXT5 User Guide for your model available at www.Vertiv.com.

Installation

1. Inspecting the UPS

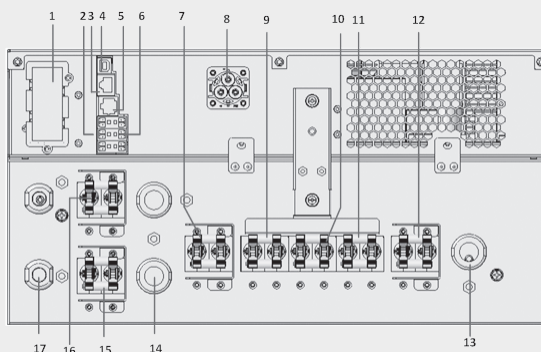
Inspect the UPS for any signs of obvious damage. If damage is visible, do not proceed and call our warranty support line for assistance at 1-800-222-5877 menu option 3, or email at microups.warranty@vertiv.com.

2. Choosing a location

Install the UPS in a temperature-controlled environment that is free of corrosive and conductive contaminants. Avoid locations near heat or water sources and exposed to direct sunlight. For proper ventilation, leave four inches clearance on all sides of the UPS. The input outlet should be nearby and easily accessible.

NOTE: The UPS has a gravity-sensor function that automatically rotates the LCD display depending on rack or tower installation." before section 3 begins.

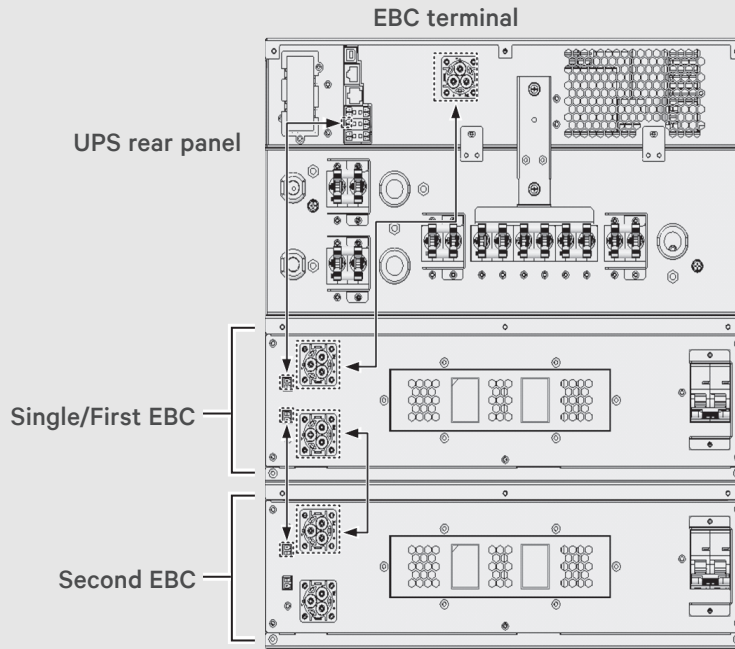
Rear Panel of Liebert® GXT5-6KL630RT5UXLN



Liebert® GXT5 UPS

#	Description
1	Liebert® IntelliSlot™ port
2	Dry-contacts, Battery Detection (3)
3	RS-485 port – Used for external temperature sensors
4	USB port
5	RS-232 port – Used for CLI
6	REPO connector
7	L6-30R output breaker
8	External-battery-cabinet connector
9	Programmable outlet maintenance bypass breaker
10	Programmable outlet maintenance bypass breaker
11	Maintenance-bypass breaker
12	Input circuit breaker
13	L6-30P input plug
14	L6-30R output receptacle (2x)
15	Programmable L6-20R output breaker
16	Programmable L6-20R output breaker
17	Programmable L6-20R output receptacle (2x)

Liebert® GXT5™ UPS to External Battery Cabinet Connections



3. Installing the UPS

The UPS and optional External Battery Cabinets may be installed in either a tower or rack configuration. For tower installation, assemble and attach the tower support stands.

- For tower installation, assemble and attach the tower support stands and spacers.
- For rack installation:
 1. Remove internal batteries from the UPS so it can be relocated into the rack more easily.
 2. Attach the handles to the UPS.
 2. Install the rail kit in the rack.

NOTE: Align shelf of rack kit with rack U number for proper alignment.

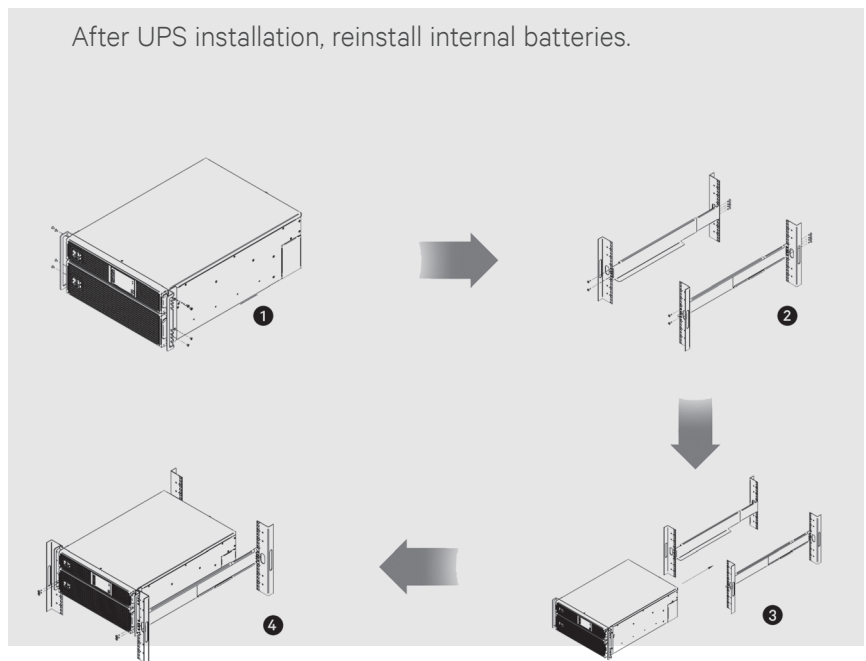
3. Install the UPS in the rack.
4. Secure the handles to the rack.

WIRING

Recommended external breaker

30 A

After UPS installation, reinstall internal batteries.



Connections

4. Connecting External Battery Cabinet (Optional)

External Battery Cabinets (EBC) provide longer battery run-time for connected devices. Refer to GXT5 User Guide, to select the appropriate model and quantity for your GXT5 model and applications.

- Verify that the EBC breaker is in the “Off” position.
- Connect one end of the supplied EBC cable to the UPS battery connector and autodetect port (terminal block 3) and one end to the EBC’s battery connector and autodetect port. If connecting more than one EBC, connect one end of the external battery cable to the second set of connectors on the battery cabinet, then connect the other end to the next battery cabinet.

5. Connecting the UPS to Receptacle

The UPS is cord and plug connected using a L6-30P input plug. Perform all wiring in accordance to all local and national electrical codes. The UPS is equipped with output receptacles. Connect the equipment to be protected to the output receptacles.

NOTE: Allow the batteries to charge at least 8 hours before first start-up to ensure adequate back-up time. The batteries charge when the UPS is connected to AC input regardless of the off/on status of the UPS.

Powering the UPS

NOTE: Do not start the UPS until the installation is finished, the system is commissioned by an authorized engineer, and the external input circuit breakers are closed.

1. Make sure the maintenance bypass switch is in the open “OFF” position and that the guard is secured in place.
2. Ensure that the REPO connector on the rear of the unit has a jumper between pins 1-2 or that it is properly wired to an Emergency Power-Off circuit (normally closed).
3. Make sure the breaker supplying power to the UPS is closed, and close the input breaker on the rear of the UPS.
4. If necessary, use the LCD display or a connected computer to adjust any required settings. (Refer to the User Guide for configuration set up.)
5. Close all output breakers on the rear of the UPS (or in an external panel board, if used).
6. If external battery cabinets are included, close the breakers on the rear of each cabinet.
7. Power-on the UPS using the Operation and Display Panel (see the illustration on the previous page) by pressing and holding the power button until the confirmation dialog appears. Use the Up/Down arrows to select “YES”, then press Enter.

NOTE: During operation, the UPS may sound an alarm as the output receptacles are powered. You may press the Esc button for 2 seconds to silence the audible alarm.



FEATURE: Power Assist is a free software available to Vertiv customers for monitoring your equipment protecting your data and stay up to date on device current state.

Please use the link below to download the software:

<https://www.vertiv.com/en-us/products-catalog/monitoring-control-and-management/software/vertiv-power-insight-application/>



To contact Vertiv Technical Support: visit www.Vertiv.com

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