

LIEBERT® GXT5™ UPS

120-V 500 – 3,000 VA

Quick Installation Guide



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 GXT5 User Guide for your model available at www.VertivCo.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@vertivco.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.

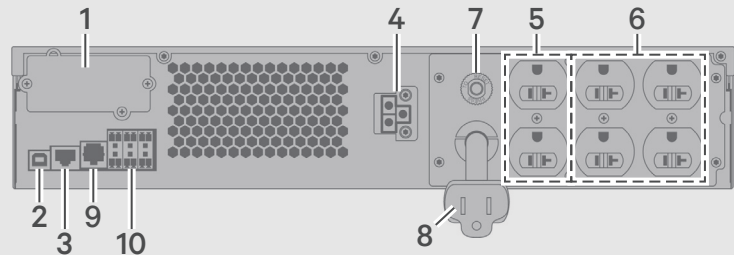
3. Installing the UPS

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 rack installation, attach the brackets to the UPS, install the rail kit in the rack if needed, and install the UPS in the rack.

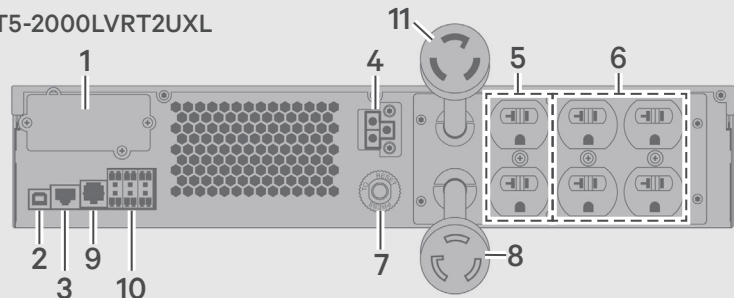
NOTE: This UPS is not for use in a computer room as defined in the standard for the protection of electronic computer/data processing equipment of ANSI/NFPA 75.

MODEL DESIGN CONFIGURATIONS

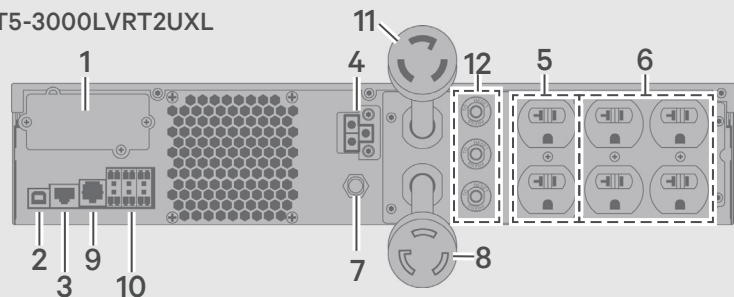
GXT5-500/750/1000/1500LVRT2UXL



GXT5-2000LVRT2UXL



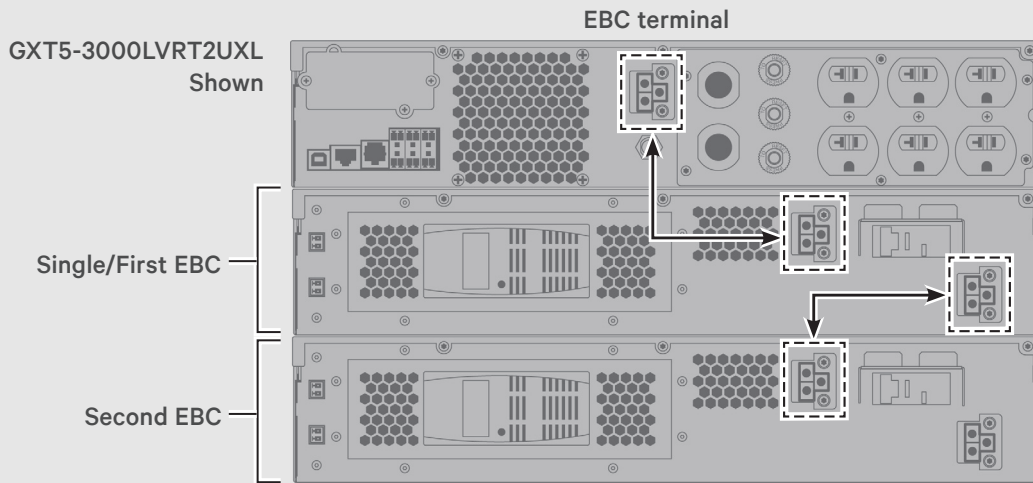
GXT5-3000LVRT2UXL



GXT5 UPS

#	Description	#	Description
1	Liebert® IntelliSlot™ port	7	Input circuit breaker
2	USB port	8	Input-power plug and cable
3	RS-485 port	9	RS-232 port
4	External-battery connector	10	Terminal-block communication connectors
5	Non-programmable output receptacles	11	Output-power plug and cable
6	Programmable output receptacles	12	Output circuit breaker

GXT5™ UPS to External Battery Cabinet Connections



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 and one end to the battery cabinet. If connecting more than one external battery, connect one end of the external battery cable to the second connector 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.

WIRING

Model	Recommended external over-current protection (Maximum)
GXT5-500LVRT2UXL GXT5-750LVRT2UXL GXT5-1000LVRT2UXL	12 A
GXT5-1500LVRT2UXL	15 A
GXT5-2000LVRT2UXL	20 A
GXT5-3000LVRT2UXL	30 A

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.

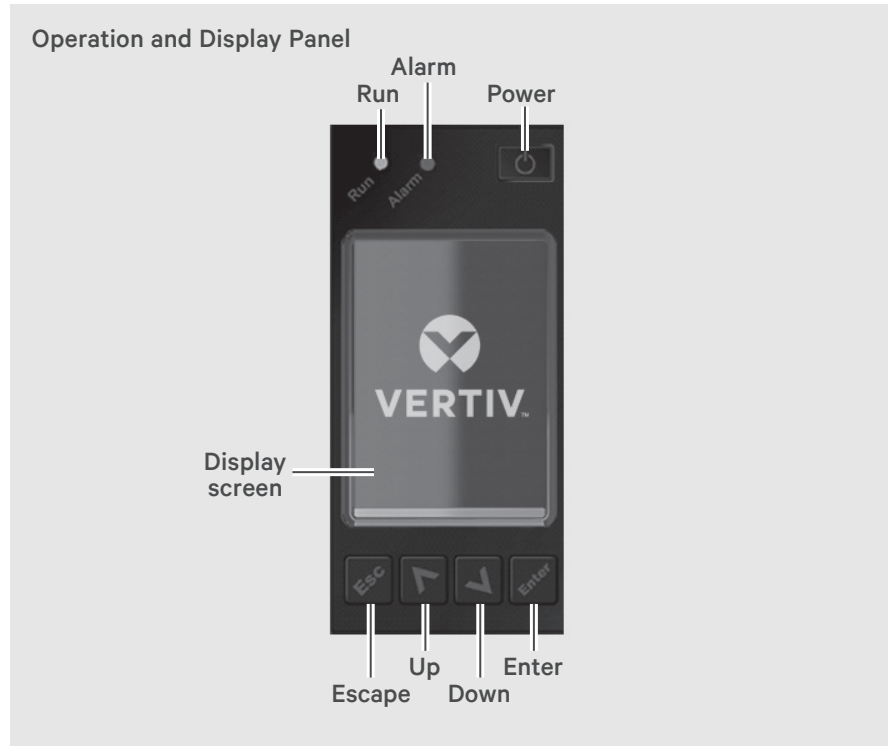
POWERING THE UPS

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

1. If an optional POD is installed, make sure the bypass switch is in “UPS” position.
2. Make sure the breaker supplying power to the UPS is closed, and close the input breaker on the rear of the UPS.

3. If necessary, use the LCD display or a connected computer to make any required settings. (Refer to the User Guide for configuration set up.)
4. Close all output breakers on the rear of the UPS (or in an external panel board, if used).
5. If external battery cabinets are included, close the breakers on the rear of each cabinet.
6. Power-on the UPS using the Operation and Display Panel (see the illustration to the right) 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.





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

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