

Benefits

- Protects ultra-low freezers and vaccines from power problems that could compromise precious doses
- Plug-and-play installation with easy configuration
- Local and remote monitoring for ease of management and system diagnosis
- Ultra-high energy efficiency
- Scalable runtime options with the addition of external battery cabinets
- Compact and flexible rack/tower form factor can be mounted on the floor or wall
- Comprehensive coverage through market-leading three-year advanced exchange warranty

Talk to your Vertiv Sales Representative to size your solution and verify Liebert GXT5 compatibility with specific freezer models.

Vertiv™ Liebert® GXT5 UPS offers intelligent, efficient protection for what may be the world's most mission-critical application in modern times.

The ultra-low temperature freezers required to properly store COVID-19 vaccines require a reliable source of uninterruptible power with continuous power conditioning. If the power goes out, or if the power quality is poor, it can put precious doses at risk and jeopardize the healthcare industry's efforts to reign in the devastating effects of the virus. Backing up the power source to the freezers with a reliable uninterruptible power supply (UPS) gives healthcare providers the confidence to know that every dose in their arsenal will be put to good use.

Online double conversion technology affords greater peace of mind.

The Vertiv™ Liebert® GXT5 UPS is an online double conversion UPS solution that offers premium power outage protection with a wide input voltage range and tight output voltage and frequency regulation. With one Liebert GXT5, multiple ultra-low temperature freezers—including upright, portable, and under-the-counter models—can be fully isolated from raw utility power, safeguarding against sags, surges, blackouts, or brownouts that could compromise the equipment's effectiveness. In the event of a power outage, the Liebert GXT5 offers zero transfer time to batteries, filling any transfer time gap between the main power source and the backup generator and ensuring vaccines are continuously protected and that temperature is maintained at all times. An external battery connector is available for extended outage protection when generators are not available.

Local and remote monitoring makes it easy to keep tabs on system performance and battery health.

A user-friendly LCD interface and remote management capabilities via the web provides around-the-clock insight into UPS status for easy installation, configuration, and operation. Because a backup power solution is only as good as the batteries that support it, the Liebert GXT5 UPS provides battery health status and replacement date prediction, so you can intelligently manage the health of the batteries and proactively replace them. If there is ever a power problem or an issue with the equipment, specified personnel are instantly notified via email and text to help ensure a rapid response time.

Energy Star 2.0 certification promotes green operations and a better bottom line.

The Liebert GXT5 single-phase UPS operates with market-leading power efficiency for optimized energy management and lower heat dissipation. It provides superior protection for your freezers and vaccines with up to 98% efficiency in active ECO operating mode. The UPS never uses more power than it needs to do its critical job.

Vertiv™ Liebert® GXT5 Features

- Premium power outage protection for multiple ultra-low temperature freezers
- Wide input voltage range and tight output voltage and frequency regulation
- Zero transfer time to batteries for 24/7 power protection
- External battery connector for extend outage protection
- 98% efficiency in active ECO operating mode
- Plug-and-play installation
- Compact design can be floor or wall mounted to save space
- User-friendly LCD interface for easy operation
- Remote monitoring via popular web browsers including Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, and Safari
- Alarm notification via email and text



Technical Specifications

	Liebert® GXT5-500LVRT2UXL	Liebert® GXT5-750LVRT2UXL	Liebert® GXT5-1000LVRT2UXL	Liebert® GXT5-1500LVRT2UXL	Liebert® GXT5-2000LVRT2UXL	Liebert® GXT5-3000LVRT2UXL
Ratings (VA/W)	500VA/500W	750VA/750W	1000VA/1000W	1500VA/1350W	2000VA/1800W	3000VA/2700W

Dimensions, inches (mm)

Unit W x D x H	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 18.5 x 3.4 (430 x 470 x 85)	16.9 x 18.5 x 3.4 (430 x 470 x 85)	16.9 x 21.3 x 3.4 (430 x 540 x 85)
Unit W x D x H	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 15.7 x 3.4 (430 x 400 x 85)	16.9 x 18.5 x 3.4 (430 x 470 x 85)	16.9 x 18.5 x 3.4 (430 x 470 x 85)	16.9 x 21.3 x 3.4 (430 x 540 x 85)

Weight, pounds (kg)

Unit	37 (16.8)	37 (16.8)	37 (16.8)	46.2 (21)	47.5 (21.6)	66(30)
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Input AC Parameters

Range	Typical 120V Range: 60-150V	Typical 120V Range: 60-150V	Typical 120V Range: 60-150V	Typical 120V Range: 60-150V	Typical 120V Range: 60-150V	Typical 120V Range: 60-150V
Frequency	40-70Hz; Auto Sensing	40-70Hz; Auto Sensing	40-70Hz; Auto Sensing	40-70Hz; Auto Sensing	40-70Hz; Auto Sensing	40-70Hz; Auto Sensing
Input Power Cord	10 ft. attached w/ NEMA 5-15P plug	10 ft. attached w/ NEMA 5-15P plug	10 ft. attached w/ NEMA 5-15P plug	10 ft. attached w/ NEMA 5-15P A plug	10 ft. attached w/ NEMA L5-20P A plug	10 ft. attached w/ NEMA L5-30P plug

Output AC Parameters

Output Receptacles	5-15R x 6	5-15R x 6	5-15R x 6	5-15R x 6	L5-20R+5-20R x 6	L5-30R+5-20R x 6
Typical 120V User selectable output	110/115/120/125VAC (user-configurable); ±3%	110/115/120/125VAC (user-configurable); ±3%	110/115/120/125VAC (user-configurable); ±3%	110/115/120VAC (user-configurable); ±3%	110/115/120VAC (user-configurable); ±3%	110/115/120VAC (user-configurable); ±3%
Waveform	Sine wave	Sine wave	Sine wave	Sine wave	Sine wave	Sine wave
Utility (AC) Mode Overload	>200% for 250ms; 150- 200% for 50 seconds; 125- 150% for 60 seconds; 105-125% for 60 seconds	>200% for 250ms; 150- 200% for 50 seconds; 125- 150% for 60 seconds; 105-125% for 60 seconds	>200% for 250ms; 150- 200% for 50 seconds; 125- 150% for 60 seconds; 105-125% for 60 seconds	>200% for 250ms; 150- 200% for 2 seconds; 125- 150% for 50 seconds; 105-125% for 60 seconds	>200% for 250ms; 150- 200% for 2 seconds; 125- 150% for 50 seconds; 105-125% for 60 seconds	>200% for 250ms; 150- 200% for 2 seconds; 125- 150% for 10 seconds; 105-125% for 15 seconds

Battery

Type	Valve-regulated, non-spillable, lead acid					
Backup Time (100% Load)	17.9	10.4	6.7	6.7	4	4
Backup Time (50% Load)	40.4	25.5	17.9	18.8	12.3	12.6
+1 External Battery Cabinet (100% Load)	76.3	45.4	32.6	32.4	22	22.2
+1 External Battery Cabinet (50% Load)	147.8	102.4	76.5	79.7	53.6	54.6

Environmental Requirements

Operating Temperature, °F (°C)	+32 to +104 (0 to 40)	+32 to +104 (0 to 40)	+32 to +104 (0 to 40)	+32 to +104 (0 to 40)	+32 to +104 (0 to 40)	+32 to +104 (0 to 40)
Storage Temperature, °F (°C)	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.	-4 to +140 (-20 to 60) contain batteries will be from -15 to 40°C.
Relative Humidity	0% to 95%, non-condensing	0% to 95%, non-condensing	0% to 95%, non-condensing	0% to 95%, non-condensing	0% to 95%, non-condensing	0% to 95%, non-condensing
Operating Elevation	10,000 ft. (3,000m)	10,000 ft. (3,000m)	10,000 ft. (3,000m)	10,000 ft. (3,000m)	10,000 ft. (3,000m)	10,000 ft. (3,000m)
Storage Elevation	50,000 ft. (15,000m)	50,000 ft. (15,000m)	50,000 ft. (15,000m)	50,000 ft. (15,000m)	50,000 ft. (15,000m)	50,000 ft. (15,000m)
Audible Noise	<46dBA max @ 3 ft. (1m) front and sides < 43dBA, at 3 ft. (1m) rear	<46dBA max @ 3 ft. (1m) front and sides < 43dBA, at 3 ft. (1m) rear	<46dBA max @ 3 ft. (1m) front and sides < 43dBA, at 3 ft. (1m) rear	< 46dBA at 3 ft. (1m) front and side < 45dBA at 3 ft. (1m) rear	<48dBA max @ 3 ft. (1m) front and side <48dBA max @ 3 ft. (1m) rear	<48dBA max @ 3 ft. (1m) front and side <48dBA max @ 3 ft. (1m) rear

Agency

Surge Immunity	ANSI C62.41 Category B					
Transportation	ISTA Procedure 1A					
Safety	UL 1778 4th Edition and CSA 22.2 No. 107.1	UL 1778 4th Edition and CSA 22.2 No. 107.1	UL 1778 4th Edition and CSA 22.2 No. 107.1	UL 1778 4th Edition and CSA 22.2 No. 107.1	UL 1778 4th Edition and CSA 22.2 No. 107.1	UL 1778 4th Edition and CSA 22.2 No. 107.1
Emissions	FCC Part 15 (Class A) - CISPR22 Class A (RFI)	FCC Part 15 (Class A) - CISPR22 Class A (RFI)	FCC Part 15 (Class A) - CISPR22 Class A (RFI)	FCC Part 15 (Class A) - CISPR22 Class A (RFI)	FCC Part 15 (Class A) - CISPR22 Class A (RFI)	FCC Part 15 (Class A) - CISPR22 Class A (RFI)
Environmental	WEEE and ROHS2 REACH					

Warranty

	Std. 3 year; Opt. 2 year					
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Accessories

Vertiv™ VR Rack

Supports a wide variety of equipment and gives you the flexibility you need with easy installation

Vertiv™ Geist™ rPDU

Reliably distributes power to the rack, supporting dynamic data center operations and DCIM

Vertiv™ SwitchAir™

Prevents overheating of network switches by directing cool air to switch intakes, keeping hot exhaust air out

Vertiv™ ACS Console

Enables integrated remote monitoring, out-of-band management, and IoT connectivity

Vertiv™ KVM Switch

Enables single-point access for switching between multiple computers

Vertiv™ Rack Cooling

Provides energy-efficient cooling close to the IT equipment and UPS units

Vertiv™ Liebert® GXT5

Helps protect mission-critical equipment from all power disturbances due to blackouts, brownouts, sags, surges or noise interference

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.

