

Liebert® GXT5 Mixed Voltage UPS, 5000-10000 VA

Intelligent, Efficient Infrastructure Protection



Benefits

Today's accelerating demand for data has led to the proliferation of the edge of IT networks. Visibility and control of these often-dispersed computing facilities can be a challenge without the proper infrastructure.

Fortunately, the Vertiv Liebert® GXT5 UPS operates with high power efficiency making it an ideal solution for ensuring availability of mission-critical applications that are supported by both edge and centralized data centers.

Not only does the mixed voltage models of the Liebert GXT5 come in a compact and flexible rack/tower form factor that can be rapidly deployed, it is an online double conversion UPS solution that offers premium power outage protection and continuous power conditioning.

Additionally, features of the Liebert GXT such as the LCD interface and RDU101 communications card help simplify maintenance and management. The Liebert GXT5 mixed voltage UPS offers:

- Maximum availability
- User-friendly installation and operation
- Longer service life and runtime of batteries
- Optimized energy and capacity management
- Seamless connectivity



Deploy an Intelligent and Efficient UPS for Stress-Free Protection of Your Mission-Critical Applications

The single-phase Liebert GXT5 provides leading UPS technology that is easy to install, configure and operate. Plus, the mixed voltage models come standard with a RDU101 network communications card that enables streamlined asset management, giving data center managers who are responsible for a dispersed computing network more peace of mind.

Key Features:

- High output power factor (1.0)
- LCD with gravity sensing orientation
- Integrated wrap around maintenance bypass standard on all models
- Hot-swappable battery modules
- Optional matching external battery cabinets with auto detection
- Battery health status and replacement prediction
- Remote management capabilities
- High efficiency with online and Active ECO mode
- Energy Star 2.0 certification
- Programmable power outlets
- Compliance with RoHS and REACH regulations
- Integrated dry-contacts with selectable definition
- Automatic internal bypass
- Optional input/output options offer a variety of receptacle configurations

What's in the Box:

- UPS
- Pre-installed Vertiv RDU101 Communications Card (NIC)
- Tower stand
- Four-post rack mounting kit
- Quick start guide
- Safety manual
- Free *Trellis*™ Power Insight management software (downloadable from Vertiv.com)

Power Assurance Package: Comprehensive Service Support for Critical Systems

- **Five-year protection plan** with 100% parts coverage and 24x7 emergency service
- **On-site installation and startup** of UPS and internal batteries (excludes hard-wired applications); configuration of new UPS and accessories; and if purchased, safe removal and disposal of legacy UPS and batteries
- **On-site service support** available 24x7 (within 150 miles of regional service center) and includes 100% labor and travel coverage
- **100% parts coverage** for UPS and includes internal batteries, POD (power output distribution), and web card
- **24x7 access** to customer resolution center and online access to Customer Services Network

Key benefits:

- Hassle-free management of multi-site rollouts
- Frees up time-strapped IT staff by managing and tracking UPS health, maintenance and service
- Reduces the worry of critical equipment downtime
- Ensures rapid recovery in the event of failure (within 24-48 hours)
- Frees you from the responsibility of handling and documenting the disposal of legacy UPS and batteries

Remote Diagnostic Services for Rapid Response

Uptime assurance

- Continuous monitoring for early detection of trends and operating anomalies
- Analysis and interpretation of alarm and status messages

Rapid incident response

- Automatic transmission of data for analysis
- Concurrent diagnosis and dispatch of engineer to site
- Shipment of parts for corrective maintenance

Increased insight and ease of management

- Notification of operating conditions that may impact system health
- Periodic trend and analysis reports
- Integration of remote and on-site services to ensure business continuity

Available Accessories for the Vertiv™ Liebert® GXT5 UPS

Power Output Distribution - GXT5 UPS MV models - 5kVA and 6kVA

POD model number	Input Connection	Output Connections
PD5-001	Hard Wire	Hard Wire
PD5-002	L14-30P	1 x L14-30R, 1 x L6-30R, 4 x 5-15/20R T Slot
PD5-003	L14-30P	2 x L6-20R, 2 x 5-15/20R T Slot
PD5-004	L14-30P	2 x L6-30R, 4 x 5-15/20R T Slot
PD5-005	L14-30P	4 x L5-20R, 2 x L5-30R
PD5-006	L14-30P	4 x L6-20R
PD5-L630	L6-30P	2 x L6-30R, 2 x L6-20R

Power Output Distribution - GXT5 UPS MV models - 8kVA and 10kVA

POD model number	Input Connection	Output Connections
PD2-101	Hard Wire	(8) 5-15/20R T-slot, (2) L6-30R
PD2-102	Hard Wire	(4) 5-15/20R T-slot, (4) L6-20R
PD2-103	Hard Wire	(4) 5-15/20R T-slot, (4) L6-30R
PD2-104	Hard Wire	(4) 5-15/20R T-slot, (2) L6-30R, (2) L6-20R
PD2-105	Hard Wire	(4) 5-15/20R T-slot, (2) L5-30R, (2) L5-20R
PD2-106	Hard Wire	(4) L5-20R, (4) L6-20R
PD2-107	Hard Wire	(4) L5-20R, (4) 5-15/20R T-slot
PD2-108	Hard Wire	(2) L6-30R, (2) L6-20R
PD2-109	Hard Wire	(2) L14-30R

External battery cabinets and replacement battery kits

UPS	External Battery Cabinet	Replacement Battery Kits
GXT5-5000MVRT4UXLN	GXT5-EBC144VRT2U	GXT5-144VBATKIT
GXT5-6000MVRT4UXLN	GXT5-EBC144VRT2U	GXT5-144VBATKIT
GXT5-8000MVRT6UXLN	GXT5-EBC288VRT4U	GXT5-288VBATKIT
GXT5-10KMVRT6UXLN	GXT5-EBC288VRT4U	GXT5-288VBATKIT

Network communications and environmental sensors

Network Communications	RDU101	Intellislot web card for SNMP and web management. Supports environmental sensors.
Environmental Sensors	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)
UPS manageability options	Trellis™ Power Insight Software Management	Trellis™ Power Insight is a complimentary web-based software designed to monitor up to 100 Vertiv™ UPSs and rPDUs

GXT5 UPS 5kVA and above — extended warranty options

Extended Warranty SKU	Description	UGXT5 UPS model
2WEGXT-5KMV	2 Year Extended Warranty	For GXT5-5000MVRT4UXLN
2WEGXT-6KMV	2 Year Extended Warranty	For GXT5-6000MVRT4UXLN
2WEGXT-8KMV	2 Year Extended Warranty	For GXT5-8000MVRT6UXLN
2WEGXT-10KMV	2 Year Extended Warranty	For GXT5-10KMVRT6UXLN
2WEGXT-144VBATT	2 Year Extended Warranty	For Liebert GXT5 144V EBC
2WEGXT-288VBATT	2 Year Extended Warranty	For Liebert GXT5 288V EBC
2WEGXT-6KPD5	2 Year Extended Warranty	5-6kVA Liebert GXT5 Micro PODS
2WEGXT-10KPD5	2 Year Extended Warranty	8-10kVA Liebert GXT5 Micro PODS

Installation kit

Model Number	Description
4UTELECOMRKIT	Center Mount brackets for 19" wide telecom/relay racks
RMKIT18-32	All GXT4 500 thru 3000VA models (racks with 18" - 32" deep support rails)
RS500	Flush-mount shelf for 19" wide telecom/relay racks
RS600	Center-mount shelf for 19" wide telecom/relay racks
RS700	Flush-mount shelf for 23" wide telecom/relay racks
RS800	Center-mount shelf for 23" wide telecom/relay racks

Service offering

Model Number	Description

Technical Specifications Mixed Voltage

	GXT5-5000MVRT4UXLN	GXT5-6000MVRT4UXLN	GXT5-8000MVRT6UXLN	GXT5-10KMVRT6UXLN
Ratings (VA/W)	5000 VA/5000 W	6000 VA/6000 W	8000 VA/8000 W	10000 VA/10000 W

Dimensions, inches (mm)

Unit W x D x H	16.9 x 25.6 x 6.8 (430 x 650 x 173)	16.9 x 25.6 x 6.8 (430 x 650 x 173)	16.9 x 25.6 x 10.2 (430 x 650 x 261)	16.9 x 25.6 x 10.2 (430 x 650 x 261)
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Weight, pounds (kg)

Unit	125.6 (57)	125.6 (57)	224.8 (102)	224.8 (102)
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Input AC Parameters

Operating Frequency, Nominal	50 or 60 Hz	50 or 60 Hz	50 or 60 Hz	50 or 60 Hz
Range	176 - 280 VAC	176 - 280 VAC	176 - 280 VAC	176 - 280 VAC
Input Power (Standard)	Hard-wired terminal block 3W + G (L-L-N-G)	Hard-wired terminal block 3W + G (L-L-N-G)	Hard-wired terminal block 3W + G (L-L-N-G)	Hard-wired terminal block 3W + G (L-L-N-G)

Output AC Parameters

Output Receptacles (Optional POD's Available)	Hardwire	Hardwire	Hardwire	Hardwire
User selectable output (Typical) 208V and 120V	120, 180, 240 degrees, auto-sensing on initial application of input AC	120, 180, 240 degrees, auto-sensing on initial application of input AC	120, 180, 240 degrees, auto-sensing on initial application of input AC	120, 180, 240 degrees, auto-sensing on initial application of input AC
Output wave form on Battery	Pure Sine wave	Pure Sine wave	Pure Sine wave	Pure Sine wave
Utility (AC) Mode Overload	105% to 125% for 5 minutes 125% to 150% for 60 seconds >150% (impact load) minimum 200 ms	105% to 125% for 5 minutes 125% to 150% for 60 seconds >150% (impact load) minimum 200 ms	105% to 125% for 5 minutes 125% to 150% for 60 seconds >150% (impact load) minimum 200 ms	105% to 125% for 5 minutes 125% to 150% for 60 seconds >150% (impact load) minimum 200 ms

Battery

Type	Valve-regulated, non-spillable, flame-retardant, lead acid	Valve-regulated, non-spillable, flame-retardant, lead acid	Valve-regulated, non-spillable, flame-retardant, lead acid	Valve-regulated, non-spillable, flame-retardant, lead acid
Backup Time (100% Load)	4.5 Minutes	3.5 Minutes	6.5 Minutes	4.5 Minutes
Backup Time (50% Load)	12.5 Minutes	9.5 Minutes	17 Minutes	12.5 Minutes
+1 External Battery Cabinet (100% Load)	12.5 Minutes	9.5 Minutes	17.5 Minutes	13 Minutes
+1 External Battery Cabinet (50% Load)	33 Minutes	25.5 Minutes	45 Minutes	33.5 Minutes

Environmental Requirements

Operating Temperature, °F (°C)	+32 to +104 (0 to 40) (no derating)	+32 to +104 (0 to 40) (no derating)	+32 to +104 (0 to 40) (no derating)	+32 to +104 (0 to 40) (no derating)
Storage Temperature, °F (°C)	+5 to +104 (-15 to 40)	+5 to +104 (-15 to 40)	+5 to +104 (-15 to 40)	+5 to +104 (-15 to 40)
Relative Humidity	0% to 95%, non-condensing	0% to 95%, non-condensing	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	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	<50 dBA, at 3.2 ft (1 m) from the front and sides, <55 dBA, at 3.2 ft (1 m) from rear	<50 dBA, at 3.2 ft (1 m) from the front and sides, <55 dBA, at 3.2 ft (1 m) from rear	<50 dBA, at 3.2 ft (1 m) from the front and sides, <55 dBA, at 3.2 ft (1 m) from rear	<50 dBA, at 3.2 ft (1 m) from the front and sides, <55 dBA, at 3.2 ft (1 m) from rear

Agency

Surge Immunity	IEEE/ANSI C62.41 Category A & B	IEEE/ANSI C62.41 Category A & B	IEEE/ANSI C62.41 Category A & B	IEEE/ANSI C62.41 Category A & B
Transportation	ISTA Procedure 1E	ISTA Procedure 1E	ISTA Procedure 1E	ISTA Procedure 1E
Safety	UL1778, c-UL listed	UL1778, c-UL listed	UL1778, c-UL listed	UL1778, c-UL listed
Emissions	FCC Part 15 (Class A)	FCC Part 15 (Class A)	FCC Part 15 (Class A)	FCC Part 15 (Class A)

Warranty

	Std. 3 year; Opt. 2 year	Std. 3 year; Opt. 2 year	Std. 3 year; Opt. 2 year	Std. 3 year; Opt. 2 year
Market leading warranty offering of 3-year standard warranty on electronics and batteries				

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