

# Vertiv™ Liebert® GXT RT+ UPS

Essential, Affordable UPS for High Performance Protection



## Overview

As companies continue to move to hybrid computing architectures, many of which having dispersed or edge IT infrastructure, UPS reliability is paramount.

Having deployment and operational flexibility is also important as networks evolve to meet a company's power and continuity requirements. The ability to affordably scale your power protection is why the Liebert GXT RT+ UPS is an essential solution.

Not only does it offer uncomplicated installation, but its high output power factor makes it suitable for connecting devices from a wide range of input voltages. Plus, capability with external battery cabinets offers extended runtime.

Utilizing an ECO mode of operation, this already affordable single-phase UPS supports continuous, energy-efficient power for a compelling total cost of ownership (TCO).

### Benefits

- Streamlined UPS selection and deployment due to rack or tower mounting flexibility
- Improved utilization enabled by high 0.9 power factor
- Simplified installation with at-a-glance configuration information on a user-friendly interface (LCD)
- Extended or scalable runtimes supported by optional external battery cabinets
- Improved energy efficiency and lower TCO
- Enhanced power management enabled by monitoring compatibility

*With flexible rack or tower mounting options, the Liebert® GXT RT+ UPS offers online technology with two stages of power conversion for superior, yet affordable power protection that is ideal for edge or space-constrained facilities where reliable, efficient power protection is needed to ensure business continuity.*

The Liebert GXT RT+ UPS delivers the high-performance protection you need in a flexible and economical form factor — one with features and functionality that enable rapid deployment and seamless network integration.

The user-friendly liquid crystal display (LCD) is an intuitive interface that provides UPS status and configuration information at a glance, helping you simplify installation and maintenance.

The unit's output power factor, which is higher than the majority of comparable competitor models, delivers continuous power to connected devices while being energy efficient. With a wide range of input voltage operation, the UPS provides more usable power for more connected loads driving space and cost savings. Also lending to the compelling

TCO is the configurable ECO operation mode that enables up to 95 percent efficiency for energy savings.

A smart battery charger design and external battery cabinet compatibility means you'll have peace of mind knowing that your critical load will be supported during a failure or interruption to main utility power.

In addition to the extended runtime, network interface or serial connections enable remote access to the Liebert GXT RT+ UPS for power consumption monitoring and configuration of alert notification parameters, further ensuring maximum value for best-in-class power protection.

### Key Applications

- IT
- Finance
- Telecom
- Industrial
- Education
- Government
- Retail
- Edge



## Technical Specifications

	GXTRT-1000IRT2UXL	GXTRT-1500IRT2UXL	GXTRT-2000IRT2UXL	GXTRT-3000IRT2UXL
Ratings (VA/W)	1000/900	1500/1350	2000/1800	3000/2700
<b>Dimensions, Millimeters</b>				
Unit W x D x H	438 x 310 x 88	438 x 462 x 88	438 x 462 x 88	438 x 632 x 88
<b>Weight, Kilograms</b>				
Unit	11	14.5	18.2	27.6
<b>Input AC Parameters*</b>				
Nominal Voltage	230 VAC	230 VAC	230 VAC	230 VAC
Range	120-300 VAC	120-300 VAC	120-300 VAC	120-300 VAC
Frequency	40-70 Hz	40-70 Hz	40-70 Hz	40-70 Hz
Input Power connector	IEC60320 C14	IEC60320 C14	IEC60320 C14	IEC60320 C20
<b>Output AC Parameters</b>				
Output Receptacles	IEC60320 C13 x 6	IEC60320 C13 x 6	IEC60320 C13 x 6	IEC60320 C13 x 6 IEC60320 C19 x1
Output Voltage & Regulation (230V Typical, User Selectable)	220/230/240 VAC ±1%	220/230/240 VAC ±1%	220/230/240 VAC ±1%	220/230/240 VAC ±1%
Waveform	Sine wave	Sine wave	Sine wave	Sine wave
Utility (AC) Mode Overload	<130% for 30 seconds <150% for 3 seconds	<130% for 30 seconds <150% for 3 seconds	<130% for 30 seconds <150% for 3 seconds	<130% for 30 seconds <150% for 3 seconds
<b>Battery</b>				
Type	12V, 9 Ah valve-regulated, non-spillable, lead acid	12V, 9 Ah valve-regulated, non-spillable, lead acid	12V, 9 Ah valve-regulated, non-spillable, lead acid	12V, 9 Ah valve-regulated, non-spillable, lead acid
<b>Environmental Requirements</b>				
Operating Temperature, °C (°F)	0 to 40 (32 to 104)	0 to 40 (32 to 104)	0 to 40 (32 to 104)	0 to 40 (32 to 104)
Storage Temperature, °C (°F)	-20 to 50 (-4 to 122)	-20 to 50 (-4 to 122)	-20 to 50 (-4 to 122)	-20 to 50 (-4 to 122)
Relative Humidity	10-90% non-condensing	10-90% non-condensing	10-90% non-condensing	10-90% non-condensing
Operating Elevation	<2,000m	<2,000m	<2,000m	<2,000m
Noise Level	55 dBA max @ 1m	55 dBA max @ 1m	55 dBA max @ 1m	55 dBA max @ 1m
<b>Agency</b>				
Compliance	CE, CB report	CE, CB report	CE, CB report	CE, CB report
Safety	IEC/EN 62040-1: 2014	IEC/EN 62040-1: 2014	IEC/EN 62040-1: 2014	IEC/EN 62040-1: 2014
Electromagnetic Interference (EMI)	IEC/EN 62040-2: 2006 +AC:2006 Class A	IEC/EN 62040-2: 2006 +AC:2006 Class A	IEC/EN 62040-2: 2006 +AC:2006 Class A	IEC/EN 62040-2: 2006 +AC:2006 Class A
Surge Immunity	EN 61000-4-5: 2005 Class 2 L-N, Class 3 L-G	EN 61000-4-5: 2005 Class 2 L-N, Class 3 L-G	EN 61000-4-5: 2005 Class 2 L-N, Class 3 L-G	EN 61000-4-5: 2005 Class 2 L-N, Class 3 L-G
Transportation	ISTA 2A	ISTA 2A	ISTA 2A	ISTA 2A
<b>Warranty</b>				
Warranty	2 years	2 years	2 years	2 years

\*Note: Specific conditions or power derating applies.

