Vertiv™ Liebert® GXE

Essential and Affordable UPS for High Performance Power Protection

6000 VA – 10000 VA, 230V, Rack/Tower Convertible

Overview

Vertiv™ Liebert® GXE 6kVA in a flexible rack or tower mounting form factor

Vertiv™ Liebert® GXE Features:

- Hight output power factor (1.0)
- Full-color graphic LCD
- High efficiency in online mode (up to 94%)
- ECO mode (up to 98% efficiency)
- Flexible rack/tower design
- Rack mounting kit included
- Extended runtime with up to 4 External Battery Cabinets (EBC)
- User replaceable internal UPS batteries
- Remote management capability with optional network management cards
- Automatic internal bypass
- Fast recharge time (3 hours @90%)
- Wide input frequency operation (40-70Hz) without any power derating
- Free UPS management software Vertiv Power Insight and Vertiv Power Assist

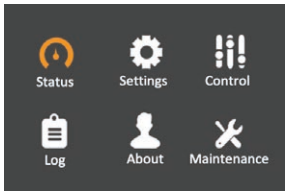
The Vertiv™ Liebert® GXE UPS in an online double conversion solution which offers power protection in an affordable, efficient system with deployment and operation flexibility.

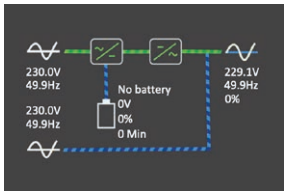
The unity output power factor (1.0) of the Liebert® GXE UPS enables continuous and reliable power to more connected devices, protecting them against many disturbances in the AC mains with the online double conversion technology.

The high efficiency in both line and ECO modes of operation for this already affordable UPS also drives energy and operational costs savings.

It provides flexibility for mounting in either tower position or inside a rack cabinet, together with the IT equipment critical for any application. Moreover, the capability to add external battery cabinets provides scalable runtime for those applications requiring even a longer period of backup in case of AC mains failures.

In addition to the extended runtime, having multiple monitoring options make this compact UPS ideal for delivering best-in-class power protection to equipment at the edge of networks or in remote sites.





Intuitive interface with detailed information and the ability to configure multiple parameters

What's In The Box

- Vertiv™ Liebert® GXE Unit
- Quick Installation Guide
- Safety Instructions
- Adjustable 4-post rack mounting kit
- Rack mounting ears/hardware
- Stabilizing feet for tower configuration
- USB type A to B cable (1.2 m)
- Free download Vertiv™ Power Assist software for local UPS status and shutdown, or Vertiv™ Power Insight for remote network management with the optional IS-UNITY network management card

Technical Specifications

	GXE3-6000IRT4UXL	GXE3-10KIRT5UXL
Power Rating (VA/W)	6000VA / 6000W	10000VA / 10000W
Form Factor	Rack / Tower (4U)	Rack / Tower (5U)
Dimensions, mm		
Unit (W x D x H)	430 x 750 x 173	430 x 700 x 217
Shipping (W x D x H)	600 x 850 x 480	600 x 800 x 530
Weight, kg		
Unit	70	80
Shipping	92	102
Input AC Parameters		
Voltage Range Without Battery Operation (230V default, derating applies)*	100 - 288	100 - 288
Voltage Range Without Battery Operation (230V default, 100% load)	176 - 288	178 - 288
Frequency Range (Hz, autosensing)	40 - 70	40 - 70
Input Wiring	Hardwired (terminals L-N-G)	Hardwired (terminals L-N-G)
Surge Protetion (J)	600	600
Output AC Parameters		
Output Voltage	220/230 (default) /240	220/230 (default) /240
Waveform	Pure Sine Wave	Pure Sine Wave
Output Overload (AC Mode)	105% - 125% @ 5 min - 126% - 150% @ 1 min > 150% @ 200 ms	105% - 125% @ 5 min - 125% - 150% @ 1 min > 150% @ 200 ms
Output wiring	Hardwired (terminals L-N-G)	Hardwired (terminals L-N-G)
Efficiency (online mode, max.)	94%	94%
Efficiency (ECO mode, max.)	98%	98%
Battery		
Type	Valve-regulated, non-spillable, lead-acid	Valve-regulated, non-spillable, lead-acid
Recharge Time (internal batteries, typical)	3 hr @ 90%	3 hr @ 90%
Backup Time (100% load, minutes)	5	3.5
Backup Time (50% load, minutes)	14	9
Comaptible External Battery Cabinet	GXE3-EBC192VRT2U	GXE3-EBC240VRT3U
Environmental		
Operating Temperature (ºC)	0 to 40ºC	0 to 40ºC
Storage Temperature (ºC, without battery inside)	-20ºC to +70ºC	-20ºC to +70ºC
Relative Humidity (operation, non-condensing)	5% to 95%	5% to 95%
Operating Altitude (m), without derating (**)	2000	2000
Audible Noise (line mode)	<55dBA	<58dBA
Agency		
Compliance	CE, CB Report, EAC, UKCA, Morocco, RCM	CE, CB Report, EAC, UKCA, Morocco, RCM
Safety	IEC/EN 62040-1	IEC/EN 62040-1
Transportation	ISTA 3E	ISTA 3E
Environmental	RoHS, REACH, WEEE	RoHS, REACH, WEEE
Communications and Management		
Slot for optional cards	Yes	Yes
Communication port	USB	USB
Emergency Power Off (EPO)	Yes	Yes
Warranty		
Warranty (electronics and batteries)	2 years	2 years

(*) Note: Specific conditions or power derating applies. (**) Note: Up to 3000 m with power derating.

External Battery Cabinets

Dimensions, mm	GXE3-EBC192VRT2U	GXE3-EBC240VRT3U
Unit (W x D x H)	430 x 765 x 85	430 x 645 x 130
Shipping (W x D x H)	600 x 850 x 405	600 x 800 x 450
Weight, kg		
Unit	58.4	66.9
Shipping	78	85
Agency		
Compliance	CE, CB Report, EAC, UKCA, Morocco	CE, CB Report, EAC, UKCA, Morocco

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