

Liebert GXT UPS leads the industry in combining the best total cost of ownership with small size, high capacity and function-rich features. This true online UPS offers internal batteries, unlimited extended external batteries, and internal bypass capability, resulting in continuous uptime for the connected equipment.

Designed for rack-mount or tower modes, the Liebert GXT is available in 500, 700, 1,000, 1,500, 2,000, 3,000, 6,000, and 10,000 VA ratings, in both 120V and 230V models.



Features & Benefits		
Flexibility:	Higher Availability:	Lowest Total Cost Of Ownership:
<ul style="list-style-type: none"> Unit can be installed in either rack or tower configuration. The Liebert GXT automatically detects and matches line input frequencies of either 60 or 50 Hz. Compatible with backup generator — handles frequency variations and other power fluctuations that occur during generator operation. Configuration program allows selection of UPS features including output voltage, auto-restart enable/disable, and other features. 	<ul style="list-style-type: none"> Protection and conditioning against all forms of power anomalies. Internal automatic and manual bypass assure continuity of power to critical loads during system maintenance or in case of internal fault. Wide input voltage window allows the UPS to support the critical load without having to transfer to battery, extending system availability for when battery backup is truly needed. User-replaceable hot-swappable internal batteries. Advanced early warning of UPS status via automatic and manual battery test feature. 	<ul style="list-style-type: none"> Corrects for frequency variations without switching to battery, resulting in longer battery life. Two-year, no-hassle replacement warranty with paid shipping both ways.

Frequently Asked Questions	
Question	Resolution
<p>Why should I consider using online, double-conversion UPS technology?</p>	<p>While line interactive UPS technology is appropriate for many situations, there may be times when you need greater power capacity or higher levels of availability offered by online double-conversion technology.</p> <p>With zero transfer time when switching to battery, online technology’s clean power (through 100% power conditioning) causes less stress on power supplies, creating the highest level of equipment protection.</p> <p>Over time, the online, double-conversion Liebert GXT also offers an attractive total cost of ownership. Because an online system corrects for frequency variations without switching to battery, it can greatly extend the lifetime of the UPS battery.</p>
<p>Is the Liebert GXT compatible with a backup generator?</p>	<p>Generators do not provide computer grade AC power required by today’s sensitive electronics. A true online UPS such as the Liebert GXT will work with a generator and provide tight voltage and frequency regulation. The UPS will bridge the gap between loss of AC power and the time it takes your generator to come up to speed and your loads to be switched to generator power — can your business-critical applications be without power for even a few minutes?</p>
<p>How fast can I get a Liebert GXT shipped to my customer?</p>	<p>Liebert maintains a warehouse of products for quick distribution. Ingram Micro and Tech Data also stock many standard Liebert UPS products for next day shipment.</p>

Competitive Comparison

The Liebert GXT offers a number of advantages over the competition, which you can use to generate new high-margin sales.

Feature	Liebert GXT	APC SmartUPS-RT	Powerware 9125	TrippLite Smart Online
Capacity range down to 500VA.	Yes	No	No	No
Widest input frequency window (40-70Hz).	Yes	No	No	No
Delivered fully assembled — batteries connected and activated at the factory.	Yes	No	No	Yes
Standard rack ears and tower pedestal.	Yes	No	No	Yes
Two-year, no hassle replacement warranty.	Yes	No	No	No

Liebert GXT Product Ancillary Guide

Liebert GXT UPS	GXT2-500RT120	GXT2-700RT120	GXT2-1000RT120	GXT2-1500RT120	GXT2-2000RT120
VA/Watts	500/350W	700/490W	1000/700W	1500/1050W	2000/1400W
UPS Battery Kit	internal	internal	internal	internal	internal
External Battery Cabinet	GXT2-48VBATT	GXT2-48VBATT	GXT2-48VBATT	GXT2-48VBATT	GXT2-48VBATT
4-Post Rack Mounting Kit	RMKIT18-32	RMKIT18-32	RMKIT18-32	RMKIT18-32	RMKIT18-32
Web/SNMP Card	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD
MicroPOD	MP2-115A	MP2-115A	MP2-115A	MP2-115A	MP2-120C

Liebert GXT UPS	GXT2-3000RT120	GXT2-2700RT208	GXT2-6000RTL630	GXT2-6000RT208	GXT2-10000RT208
VA/Watts	3000/2100W	2700/890W	6000/4200W	6000/4200W	10000/8000W
UPS Battery	internal	internal	GXT2-240BATKIT [1] √	GXT2-144BATKIT [1] √	GXT2-288RTBKIT [2] √
External Battery Cabinet	GXT2-72VBATT	GXT2-72VBATT	GXT2-240VBATTUL	GXT2-144VBATT	GXT2-288RTVBATT
4-Post Rack Mounting Kit	RMKIT18-32	RMKIT18-32	RMKIT18-32	RMKIT18-32	RMKIT18-32
Web/SNMP Card	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD	IS-WEBCARD
MicroPOD	MP2-130C	MP2-220N	PD-L630 √	PD-002	PD-101

√ Required UPS Components



Specifications

Model Number	GXT2-500RT120	GXT2-700RT120	GXT2-1000RT120	GXT2-1500RT120
Model Rating VA/W	500VA/350W	700VA/490W	1000VA / 700W	1500VA / 1050W
Dimensions: in (mm)	3.5 x 21.5 x 17 in. (89 x 546 x 432 mm)	3.5 x 21.5 x 17 in. (89 x 546 x 432 mm)	3.5 x 21.5 x 17 in. (89 x 546 x 432 mm)	3.5 x 21.5 x 17 in. (89 x 546 x 432 mm)
Weight: lbs. (kg)	49 lbs. (22 kg)	49 lbs. (22 kg)	50 lbs. (23 kg)	51 lbs. (23 kg)
Input AC Parameters				
Voltage Range	120 VAC nominal, (60 to 140VAC Variable based upon output load)			
Frequency	40 - 70 Hz; Auto Sensing			
Input Power Cord	6 ft. attached, w/ NEMA 5-15 plug	6 ft. attached, w/ NEMA 5-15 plug	10 ft. attached, w/ NEMA 5-15 plug	10 ft. attached, w/ NEMA 5-15 plug
Output AC Parameters				
Output Receptacles	(6) NEMA 5-15R	(6) NEMA 5-15R	(6) NEMA 5-15R	(6) NEMA 5-15R
Voltage	100/110/115/120/127 (user configurable) VAC; ±3%			
Frequency	50 Hz or 60 Hz			
Waveform	Sinewave			
Typical Battery Backup Time				
Full Load	28 minutes	17 minutes	11 minutes	7 minutes
Half Load	66 minutes	44 minutes	25 minutes	20 minutes
Recharge Time	5 Hours to 95% capacity after full discharge into 100% load			
Agency				
Safety	UL 1778; c-UL Listed			
RFI/EMI	FCC Part 15, Subpart B, Class A			
Surge Immunity	IEEE 587 Category A & B			
Transportation	ISTA Procedure 1A			

Model Number	GXT2-2000RT120	GXT2-2700RT208	GXT2-3000RT120
Model Rating VA/W	2000VA / 1400W	2700VA/1890W	3000VA / 2100W
Dimensions: in (mm)	3.5 x 21.5 x 17 in. (89 x 546 x 432 mm)	3.5 x 24.2 x 17 in. (89 x 615 x 432 mm)	3.5 x 24.2 x 17 in. (89 x 615 x 432 mm)
Weight: lbs. (kg)	54 lbs. (24kg)	75.2 (34.1)	69 lbs. (31kg)
Input AC Parameters			
Voltage Range	120 VAC nominal, (60 to 140VAC Variable based upon output load)	208 VAC nominal, (119 to 280VAC Variable based upon output load)	120 VAC nominal, (60 to 140VAC Variable based upon output load)
Frequency	40 - 70 Hz; Auto Sensing		
Input Power Cord	10 ft. attached, w/ NEMA 5-20 plug	10 ft. attached w/ NEMA L6-20 plug 5-15 plug	10 ft. attached, w/ NEMA L5-30 plug
Output AC Parameters			
Output Receptacles	(6) 5-20 T-Slot receptacles	(2) NEMA L6-15R (1) NEMA L6-20R	(6) NEMA 5-15R (1) NEMA L5-30R on 12" cord
Voltage	100/110/115/120/127 (user configurable) VAC; ±3%		
Frequency	50 Hz or 60 Hz		
Waveform	Sinewave		
Typical Battery Backup Time			
Full Load	6 minutes	5 minutes	5 minutes
Half Load	14 minutes	16 minutes	16 minutes
Recharge Time	5 Hours to 95% capacity after full discharge into 100% load		
Agency			
Safety	UL 1778; c-UL Listed		
RFI/EMI	FCC Part 15, Subpart B, Class A		
Surge Immunity	IEEE 587 Category A & B		
Transportation	ISTA Procedure 1A		

Specifications

	GXT2-6000RT208	GXT2-10000RT208
Model Number		
Model Rating	4200W/5200VA at 120/208 (120 or 240 degrees)	8000W/8660VA at 120/208 (120 or 240 degrees)
	4200W/6000VA at 120/240 (180 degrees)	8000W/10000VA at 120/240 (180 degrees)
DIMENSIONS Unit W x D x H in. (mm)	6.9 x 24.2 x 16.9 (176 x 615 x 430)	10.5 x 26.0 x 16.9 (267 x 660 x 430)
WEIGHT lbs (kg) Unit	67 (30.3)	109 (49.3)
Input AC Parameters		
Nominal Operating Frequency	50 or 60 Hz (Factory Default = 60)	
Factory Default VAC	120/208 VAC at 120 degrees	
L1-L2 Factory Default Input Phase Angle	120 degrees	
Allowable Input Phase Angle	120, 180, 240 degrees, Auto-sensing on application of AC (Restrictions for L-N voltages other than 120 VAC)	
Factory Default L1-N, L2-N VAC	120 VAC nominal	
Input Frequency w/o Battery Operation	40 - 70 Hz	
Output AC Parameters		
Factory Default VAC	120/208 VAC @ 120 degrees	
L1-L2 Factory Default Output Phase Angle	120 degrees	
Allowable Output Phase Angle	120, 180, 240 degrees Auto-sensing on initial application of input AC	
Factory Default L1-N, L2-N VAC	120 VAC nominal	
User Configurable L1-N, L2-N VAC	100/110/115/120/127 VAC, ±3%	
Frequency	50 Hz or 60 Hz, Nominal	
Waveform	Sinewave	
Overload Rating	200% for 8 cycles; 130% for 10 seconds with transfer to bypass	200% for 8 cycles then shutdown; 130% for 60 seconds with transfer to bypass
Environmental		
Operating Temp	+32°F to +104°F (0°C to +40°C)	
Storage Temp	+5°F to +122°F (-15°C to +50°C)	
Relative Humidity	0% to 95%, non-condensing	
Operating Elevation	Up to 10,000 ft. (3000m) at 104°F (40°C) without derating	
Storage Elevation	50,000 ft. (15,000 m) maximum	
Audible Noise	<55 dBA, at 1 meter from the rear; <50 dBA, at 1 meter from the front or sides	
Agency		
Safety	UL 1778, c-UL Listed (Suitable for computer room applications)	
RFI/EMI	FCC Part 15, Subpart B, Class A	
Surge Immunity	IEEE/ANSI C62.41 Category A & B	
Transportation	ISTA Procedure 1A	
Internal Battery		
Model Number	GXT2-144BATKIT (one required)	GXT2-288RTBKIT (two required)
WEIGHT lbs (kg)	79 (35.8) (one required)	78.1 (35.5) (two required)
Type	Valve-regulated, non-spillable, flame retardant, lead acid	
Quantity x V x Rating	12 x 12V x 9.0 AH (one required)	12 x 12V x 9.0 AH (two required)
Battery Mfg / Part #	Yuasa / REW 45-12 FR	
Recharge Time	6 Hours to 90% capacity after full discharge into 100% load	
Optional Extended Battery Cabinet		
Model Number	GXT2-144VBATT	GXT2-288RTVBATT (requires two GXT2-288RTBKIT)
DIMENSIONS W x D x H in.(mm)	3.5 x 24.2 x 16.9 (87 x 618 x 430)	7.0 x 26.0 x 16.9 (178 x 660 x 430)
WEIGHT lbs (kg) Unit	93.6 (42.5)	41.6 (18.9) (two required)
BATTERY PARAMETERS		
Type	Valve-regulated, non-spillable, flame retardant, lead acid	
Qty x V x Rating	12 x 12V x 9.0 AH per kit	12 x 12V x 9.0 AH per kit (two required)
Battery Mfg / Part #	Yuasa / REW 45-12 FR	
ENVIRONMENTAL		
Operating Temp	+32°F to +104°F (0°C to +40°C)	
Storage Temp	+5°F to +122°F (-15°C to +50°C)	
Relative Humidity	0% to 95%, non-condensing	
Operating Elevation	Up to 10,000 ft. (3000m) at 104°F (40°C) without derating	
Storage Elevation	50,000 ft. (15,000m) maximum	
AGENCY		
Safety	UL 1778, c-UL Listed (Suitable for computer room applications)	
RFI/EMI	FCC Part 15, Subpart B, Class A	
Transportation	ISTA Procedure 1A	

Note: Part Numbers GXT2-6000RT208 and GXT2-10000RT208 do not include internal battery kits. When calculating total unit weight, add weight of internal batteries.



Specifications

POWER DISTRIBUTION

GXT 2-6000RT208

Model Number	Amp Rating	Input Power Connection	Output Power Connection
PD-HDWR	30 No Bypass	Hardwire Terminals	Hardwire Terminals
PD-HDWR-MBS	30 With Bypass	Hardwire Terminals	Hardwire Terminals
PD-001	30 With Bypass	L14-30P	(1) L6-30R, (1) L14-30R, (4) 5-15/20R T-slot
PD-002	30 With Bypass	L14-30P	(2) L6-20R, (2) 5-15/20R T-slot
PD-003	30 With Bypass	L14-30P	(2) L6-30R, (4) 5-15/20R T-slot
PD-004	30 With Bypass	L14-30P	(4) EN60320 / C19
PD-005	30 With Bypass	L14-30P	(4) L5-20R, (2) L5-30R
PD-006	30 With Bypass	L14-30P	(4) L5-20R, (2) L6-30R
PD-007	30 With Bypass	L14-30P	(4) L6-20R

GXT 2-6000RTL630

Model Number	Amp Rating	Input Power Connection	Output Power Connection
PD-L630	30	L6-30P	(2) L6-30R, (2) L6-20R

GXT 2-10000RT208

Model Number	Amp Rating	Input Power Connection	Output Power Connection
PD-101	50	Hard Wired	(8) 5-15/20R T-slot, (2) L6-30R
PD-102	50	Hard Wired	(4) 5-15/20R T-slot, (4) L6-20R
PD-103	50	Hard Wired	(4) 5-15/20R T-slot, (4) L6-30R
PD-104	50	Hard Wired	(4) 5-20R T-slot, (2) L6-30R, (2) L6-20R
PD-105	50	Hard Wired	(4) 5-20R T-slot, (2) L6-30R, (2) L5-20R

BATTERY CABINETS

UPS Model	Runtime with Internal Batteries @ Full Load	Extended Battery Cabinet P/N	Voltage	Total Runtime with Internal and Extended Battery Cabinets/Full Load	
				One Cabinet	Two Cabinets
GXT2-500RT120	28 minutes	GXT2-48VBATT	48 VDC	115 min.	231 min.
GXT2-700RT120	17 minutes	GXT2-48VBATT	48 VDC	68 min.	136 min.
GXT2-1000RT120	11 minutes	GXT2-48VBATT	48 VDC	44 min.	88 min.
GXT2-1500RT120	7 minutes	GXT2-48VBATT	48 VDC	28 min.	56 min.
GXT2-2000RT120	6 minutes	GXT2-48VBATT	48 VDC	18 min.	42 min.
GXT2-3000RT120	5 minutes	GXT2-72VBATT	72 VDC	20 min.	40 min.
GXT2-2700RT208	5 minutes	GXT2-72VBATT	72 VDC	20 min.	40 min.
GXT2-6000RTL630	7 minutes	GXT2-240VBATTUL	240 VDC	21 min.	38 min.
GXT2-6000RT208	5 minutes	GXT2-144VBATT	144 VDC	14 min.	25 min.
GXT2-10000RT208	6 minutes	GXT2-288VBATT	288 VDC	17 min.	28 min.

PARALLEL CAPABILITY

GXT2-10000RT208

Model	Description
GXT2-PP20KRT208	Paralleling POD maximum (3) GXT2-10000RT208 connection for 20kVA capacity plus 10kVA redundancy (requires (1) paralleling cable p/n GXT2-20KPC-6 for connection to each GXT2-10000RT208)
GXT2-20KPC-6	Paralleling cable, approximately 6 feet long

SYSTEM CONFIGURATION

Capacity / Redundancy	GXT2-10000RT208	GXT2-288RTBKIT	GXT2-PP20KRT208	GXT2-20KPC-6	PD-201
10kVA / 10kVA	2*	4*	1*	2*	1
20kVA / -	2*	4*	1*	2*	1
20kVA / 10kVA	3*	6*	1*	3*	1

* Required Paralleling Components

Liebert GXT Related Products



Rack-Mounting Kits

These kits are required to mount a Liebert GXT and external battery cabinets within equipment racks.



Liebert MicroPOD™

A maintenance bypass switch that permits scheduled maintenance or UPS replacement without discontinuing power to critical equipment.



Liebert IntelliSlot Web Card

The Liebert IntelliSlot Web Card delivers SNMP and web management communications capability to a Liebert GXT unit.



Liebert Nform

A simple to use monitoring and communications software solution that combines network monitoring of power and cooling equipment.



Liebert MultiLink- Shutdown Software

Monitors battery status and warns users of impending power loss and automatically shuts down systems in a safe and orderly manner.



Extended Warranties

One-year and three-year warranty extensions are available at the time of the UPS sale to cost-effectively extend the life of the UPS.



5-Year Power Assurance Package

For UPSs 1000VA and larger, 5-year warranty, onsite service, and equipment disposal. For UPSs 6kVA and larger, also includes startup and preventive maintenance.