



**VERTIV**™

**Liebert**®

GXT3™-J

800VA - 3kVA  
(100VAC Input and Output)

Reliable On-Line UPS  
Protection In A Compact Package

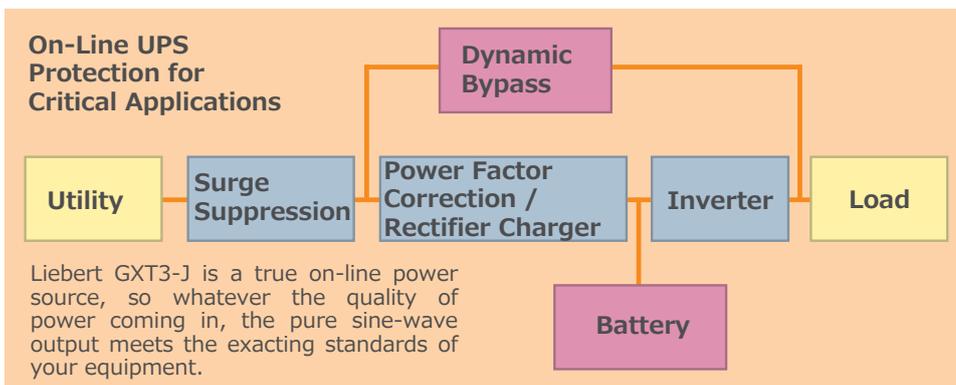


**Liebert GXT3-J is a true on-line UPS that delivers continuous, high-quality AC power to connected equipment with no interruption when transferring to battery. It protects equipment from virtually all power disturbances caused by blackouts, brownouts, sags, surges or noise interference.**

The Liebert GXT3-J is built based on the Liebert GXT3\* UPS designed for the overseas markets, and re-engineered to fit the power environment in Japan with additional features. The Liebert GXT3-J is equipped with multiple new features with new user-friendly interface for better control.

## Features and Benefits

- True On-Line UPS designed to resolve all power problems
- Tower/Rack (2U) Convertible for flexibility in a compact design (Optional rack-mounting kit RMKIT18-32 required for rack installation)
- Multi-color LCD display that supports Japanese, the first in the world, displays UPS configuration, status, alarms, and events for easy viewing
- Programmable outlets for flexible outlet controls in case of power outage
- Green Mode for high efficiency (97%)
- Bundled with Liebert MultiLink™ software for automatic shutdown
- User-configurable battery self test
- Intelligent fan control to reduce power consumption and noises
- Multiple communications available: RS-232, USB, and dry contact terminals (Dual PCs or Servers can be connected to single UPS via RS232 and USB)
- Hot swappable batteries
- IS-UNITY-SNMP (optional) for easy WEB/SNMP remote management
- Liebert RDU (optional) for detailed management of UPS and environmental monitoring



\*: In overseas, Liebert GXT4 is available now as replacement of Liebert GXT3. Liebert GXT4 has same user interface as Liebert GXT3-J. (Liebert GXT3-J localized for Japan market is totally same functionality as Liebert GXT4 overseas model.)

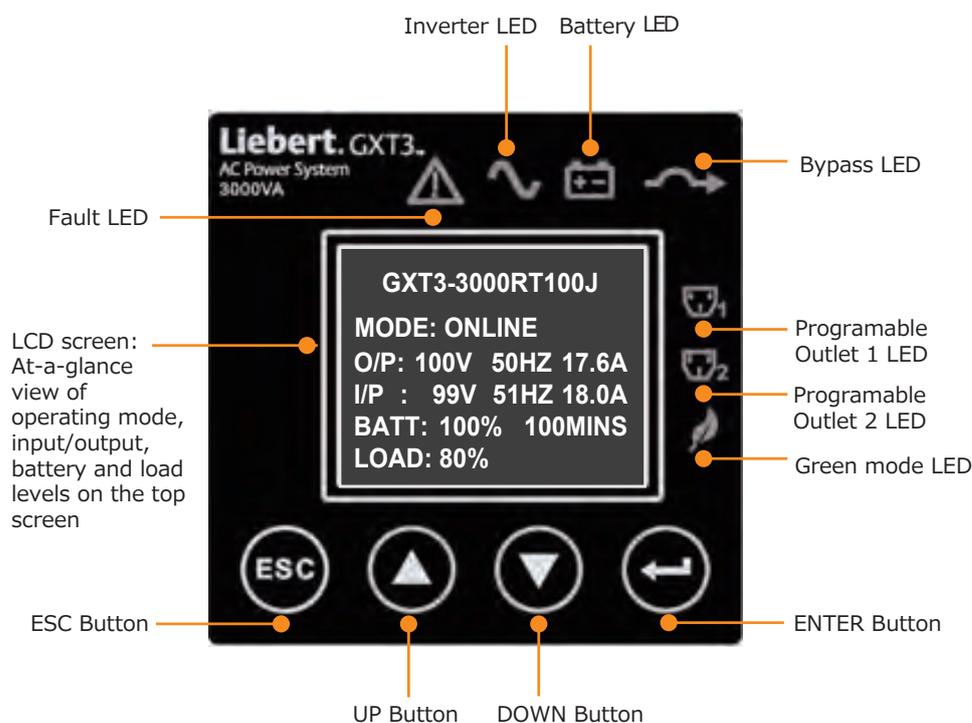
## Key Features

### Operation Panel with LCD Display

The operation panel with LCD display allows you to view full information on UPS status and change settings easily.

- Monitor data including input/output, battery and load levels
- Set operating mode (On-line/Green/Bypass)
- Set programmable outlet ON/OFF control
- Initiate a battery test
- Display log data
- Set the language (Japanese or English)
- Display product information (p/n and serial number)

The display panel rotates 90° for easy readout in rack or tower position.



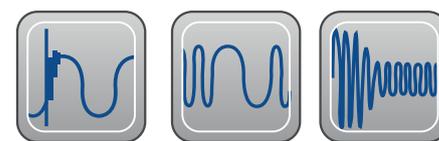
### The Protection You Need from Damaging Power Problems



Sags

Surges

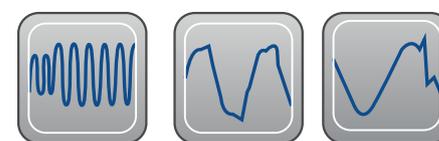
Spikes



Transient

Frequency Deviation

Under-Voltage



Over-Voltage

Harmonics

Noise



Outages



**Always Protected!**

**With Pure Sine Wave**

### Green Mode

- **On-line Mode (default)**: Power provided by the AC utility source is continuously supplied as clean and stable via the inverter while the batteries are being fully charged.
- **Green Mode**: Operating in the standby topology with the input power source being continuously monitored can reduce power consumption in the internal circuit and improve UPS efficiency (97%). Green Mode automatically switches to On-line Mode if the input power exceeds the acceptable range
- **Green Mode Auto**: Green Mode Auto monitors the input power for 12 hours and switches from On-line Mode to Green Mode automatically if input power condition is good (+/-5V, +/-1Hz); switches automatically to On-line Mode if the input power exceeds the acceptable range.



グリーンモード設定

ONLINE MODE  
GREEN MODE ON  
GREEN MODE AUTO

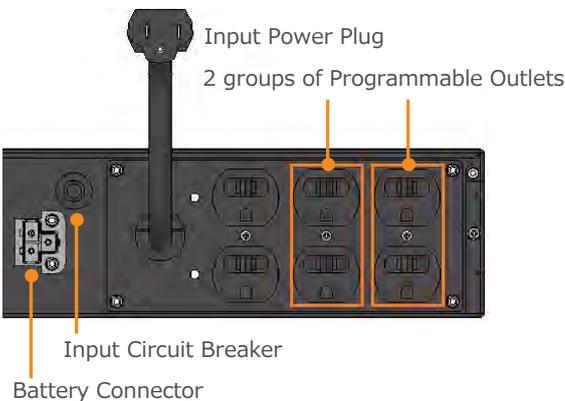
## KeyFeatures

### Programmable Outlets

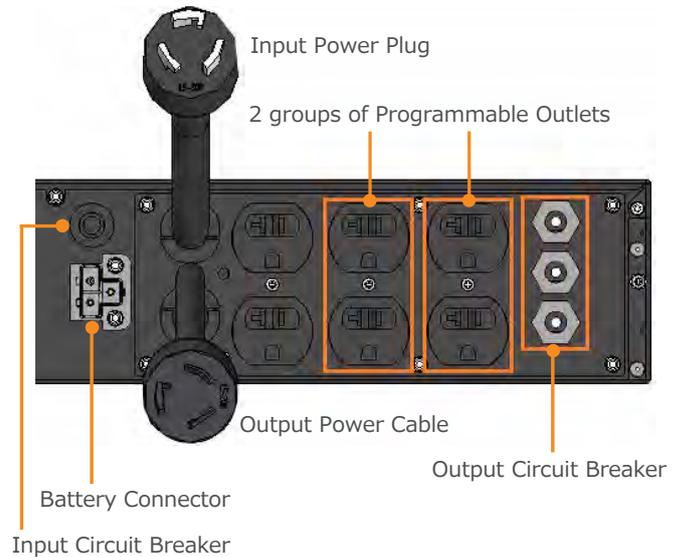
Programmable outlets allow you to set the power ON/OFF control of the outlets.

- Set to turn OFF automatically when overload and on battery
- Set to turn OFF after pre-configured delay during power blackouts and on battery to save battery/extend runtime
- Set to turn OFF automatically if battery runtime capacity is low
- Set the delay time before turn ON after power resumes

#### GXT3-J 800VA, 1100VA, 1500VA

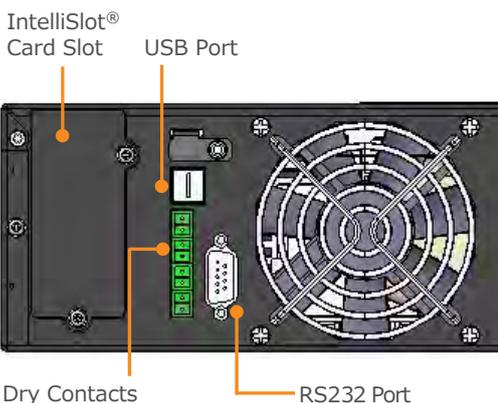


#### GXT3-J 2200VA, 3000VA



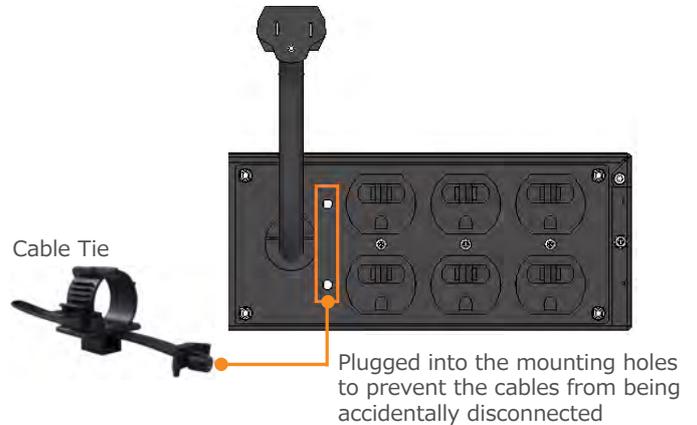
### UPS Communications

- USB and RS232 Port (Standard)
- Dry Contacts (Standard)
  - Any mode Shutdown: Emergency Power Off (EPO)
  - Battery mode Shutdown: Delayed shutdown in battery mode
  - Battery mode: Operating on battery
  - Low battery: Battery runtime warning while operating on battery
- IntelliSlot® Communication Cards (Option)
  - IS-WEBCARD : WEB/SNMP マネージメント・カード
  - IS-UNITY-SNMP: WEB/SNMP Management Card V3
  - IS-UNITY-DP: WEB/SNMP Management Card with RS485 and Sensor Port



### Cable Tie

- 2 Cable Ties bundled with UPS to prevent accidental disconnection of power cords



### External Battery Cabinet (Option)

- Up to 4 external battery cabinets (2U size) can be added for extended runtime requirements



## Key Features

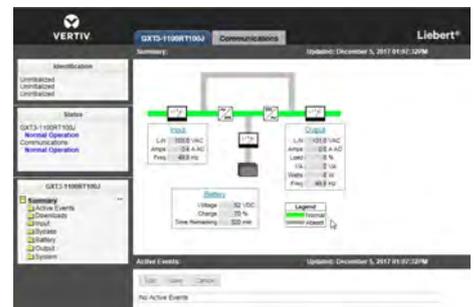
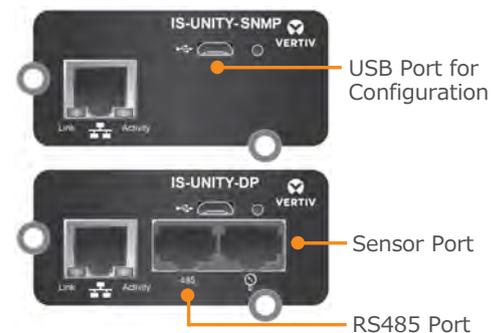
### Liebert® MultiLink™

- Installed on a server to be protected, Liebert® MultiLink™ software provides automated, orderly shutdown servers by communicating directly with UPS systems.
- Liebert® MultiLink™ comes bundled with Liebert GXT3-J, free of charge.
- Automatic shutdown via network is available by using optional IS-WEBCARD/IS-UNITY-SNMP/DP.
- Supported OS
  - Microsoft Windows
  - Linux

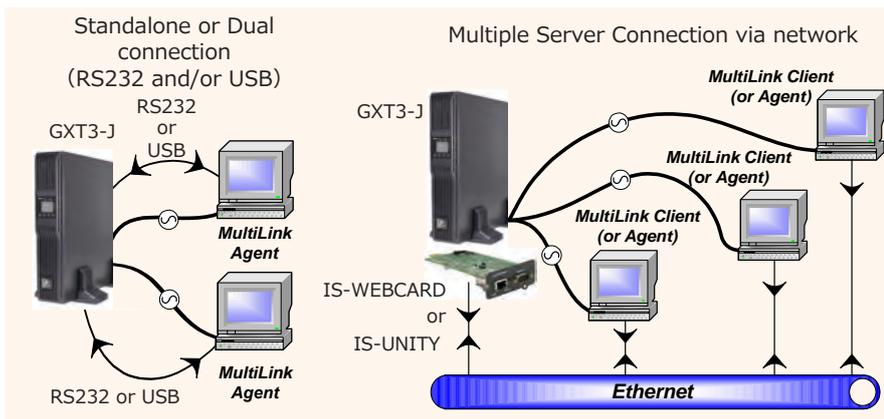


### IS-UNITY-SNMP (Option) IS-UNITY-DP (Option)

- WEB/SNMP Remote Management
  - UPS monitoring, configuration, log management and alert notification via a Web browser
  - UPS configuration/monitoring via SNMP manager
  - Liebert MultiLink™ support
- Temperature and Humidity Sensor, RS485 (IS-UNITY-DP)



Real-time status display of input/output and batteries

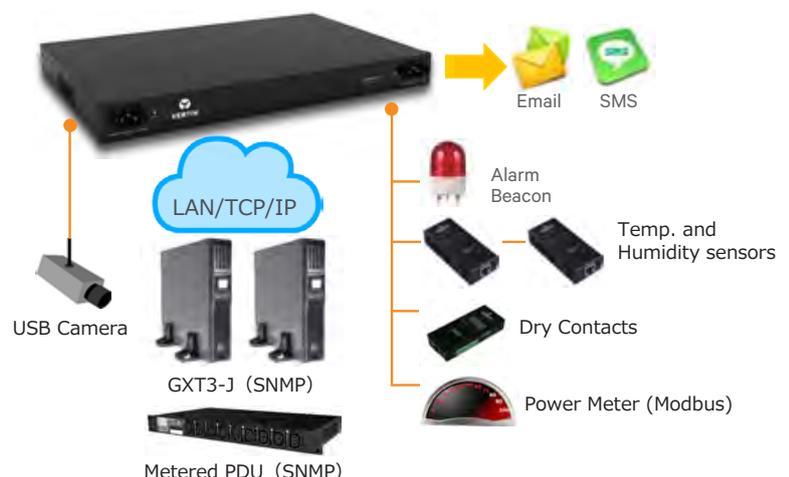


### Liebert® RDU Unified Remote Monitoring (Option)

Unified Monitoring of total UPS and environment in remote server rooms

- 3D monitoring top view via Web browser
- Alarm notification to system manager or operators via email, SMS and alarm beacon
- Integrate and monitor environment sensors and dry contacts of facility equipment
  - Temperature and Humidity sensors
  - Dry Contacts (Water leak, Doors, Smokes, Status of Cooling systems)
  - USB Camera
- Monitoring multi-vendor measurement devices via SNMP/Modbus
  - UPS status (SNMP)
  - Intelligent rack PDU (SNMP)
  - Power meters (Modbus)

#### Liebert RDU Unified Monitoring Appliance



## Technical Specifications

Part Number	GXT3-800RT100J	GXT3-1100RT100J	GXT3-1500RT100J	GXT3-2200RT100J	GXT3-3000RT100J
Rating	800VA/600W	1100VA/825W	1500VA/1080W	2200VA/1650W	3000VA/2150W
Type	On-Line Type				
Warranty	2 years (including battery)				
<b>Dimensions: D x W x H (mm)</b>					
Unit (rack-mount)	497 × 430 × 85				602 × 430 × 85
Packing box	617 × 570 × 262				717 × 570 × 262
<b>Weight (kg)</b>					
Unit	18.5		23.0	25.0	34.0
With packing box	22.5		27.0	29.0	38.0
<b>Input AC</b>					
Voltage	AC100V Single phase, 2 Wire + Ground				
Voltage range (Load %)	50~120 ± 3 VAC 72~120 VAC (90%) 65~120 VAC (70%) 50~120 VAC (30%)			50~120 ± 3VAC 80~120 VAC (90%) 70~120 VAC (70%) 50~120 VAC (30%)	
Frequency	50Hz / 60Hz Auto sensing				
Input power code	2.4m, NEMA 5-15 Plug			2.4m, NEMA L5-30 Plug	
<b>Output AC</b>					
Output receptacles	NEMA 5-15R × 6 (4 Programmable)			NEMA 5-15/20R × 6 (4 Programmable)	
Output cable	-			NEMA L5-20R × 1	NEMA L5-30R × 1
Voltage	100VAC (±3%)				
Waveform	Sine wave				
On-line mode Overload capacity (Switch to Bypass from Inverter)	125% for 60 sec. 150% for 50 sec. 200% for 2 sec. 200% < for 250 ms			125% for 15 sec. 150% for 10 sec. 200% for 2 sec. 200% < for 250 ms	
<b>Battery</b>					
Type	Valve-regulated, non-spillable, lead acid; 5 years expected lifetime**				
QTY x V x Ah	4 × 12V × 5Ah		4 × 12V × 9Ah		6 × 12V × 9Ah
Recharge time	3 hours to 90% after full discharge with 100% load till UPS auto-shutdown (Internal battery only)				
Replacement battery	GXT3-5A48BATKITJ		GXT3-7A48BATKIT2J		GXT3-7A72BATKITJ
<b>Environment parameters</b>					
Operating temperature	0 to 40°C				
Storage temperature	-15 to 50°C				
Relative humidity	0% ~ 95% without condensing				
Operating elevation	Up to 3,000m at 40°C without derating				
Storage elevation	Up to 15,000m				
Audible noise	< 40dBA (at 1m from the front or sides) < 43dBA (at 1m from the rear)		< 44dBA (at 1m from the front or sides) < 45dBA (at 1m from the rear)		
<b>Agency</b>					
Safety	UL 1778, FCC Part15 Class A, VCCI Class A				
PSE	Out of subject				
RoHS	Compliant (except for battery)				
Surge immunity	IEC 62040-2 2nd Ed				
Transportation	ISTA Procedure 1A				

External battery cabinet	GXT3-48VBATTJ	GXT3-72VBATTJ
Supported UPS unit	GXT3-800RT100J, GXT3-1100RT100J, GXT3-1500RT100J, GXT3-2200RT100J	GXT3-3000RT100J
<b>Dimensions: D x W x H (mm)</b>		
Unit (rack-mount)	497 × 430 × 85	602 × 430 × 85
Packing box	617 × 570 × 262	717 × 570 × 262
<b>Weight (kg)</b>		
Unit	30.5	43.0
With packing box	34.0	47.5
<b>Battery</b>		
Type	Valve-regulated, non-spillable, lead acid; 5 years expected lifetime**	
QTY x V x Ah	8 × 12V × 9Ah	12 × 12V × 9Ah

\*\* : The battery lifetime is not guaranteed; it depends on the usage and environment conditions.

## Battery Backup Time\*\*\*

UPS P/N Rating	# of External battery	Load %	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%
GXT3- 800RT100J 800VA 600W		W	60W	120W	180W	240W	300W	360W	420W	480W	540W	600W
	0	Run- time (min.)	>100	56	38	28	21	17	14	11	10	8
	1		>420	271	185	135	108	93	79	68	58	51
	2		>800	521	358	280	228	187	156	129	114	99
	3		>950	837	556	407	338	287	245	215	186	165
	4		>950	900	792	576	465	369	327	290	254	229
GXT3- 1100RT100J 1100VA 825W		W	83W	165W	248W	330W	413W	495W	578W	660W	743W	825W
	0	Run- time (min.)	90	44	26	18	13	10	9	7	6	5
	1		380	205	130	99	80	65	53	46	39	34
	2		700	383	270	205	159	124	105	92	84	75
	3		900	597	388	310	248	207	173	145	122	109
	4		>900	800	561	410	332	280	238	207	180	158
GXT3- 1500RT100J 1500VA 1080W		W	108W	216W	324W	432W	540W	648W	756W	864W	972W	1080W
	0	Run- time (min.)	80	44	31	21	14	12	10	8	6	5
	1		300	157	111	81	60	50	40	34	29	24
	2		570	312	213	149	113	96	83	70	60	51
	3		850	458	318	238	184	145	119	100	90	81
	4		>850	619	409	316	249	207	172	142	119	105
GXT3- 2200RT100J 2200VA 1650W		W	165W	330W	495W	660W	825W	990W	1155W	1320W	1485W	1650W
	0	Run- time (min.)	70	36	23	16	12	9	8	6	5	4
	1		255	126	84	64	48	39	31	27	24	20
	2		450	238	157	108	85	73	60	51	43	39
	3		650	337	232	170	123	100	85	76	67	58
	4		800	466	303	227	176	139	111	95	85	78
GXT3- 3000RT100J 3000VA 2150W		W	215W	430W	645W	860W	1075W	1290W	1505W	1720W	1935W	2150W
	0	Run- time (min.)	75	40	25	18	13	10	9	7	6	5
	1		280	145	89	70	54	43	35	29	26	23
	2		490	265	172	117	91	79	67	57	49	43
	3		750	360	252	186	143	111	90	82	74	66
	4		900	515	326	245	196	158	121	106	91	84

\*\*\* : The battery backup time is for reference only; it is subject to charging condition, ambient temperature, age of service, etc.



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