Liebert®

GXT4™ UPS
700VA - 3kVA
Intelligent, Reliable UPS Protection
Liebert® GXT4™ 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 due to blackouts, brownouts, sags, surges or noise interference.

For robust UPS protection up to 3kVA, the Liebert GXT4 UPS provides industry leading features in a compact design:

- On-line design means zero transfer time. When utility power fails, your critical load remains supported by a seamless flow of power.

- Active Eco Mode deliver best in class efficiency up to 97% without compromising availability.

- Controllable power to multiple devices via two independently programmable pairs of outlets.

- ENERGY® STAR Certified rating.

- Intuitive color LCD interface

- User replaceable, hot-swappable batteries.

- Arrays of value added accessories bundled with standard unit.

**Bringing our Enterprise Level IT Expertise to your SMB**

Vertiv offers a full range of power protections solutions suitable for every requirement or scenario. From desktop computing, network equipment, computer rooms to large scale data centers. we make sure you get the same level of protection the Fortune 500 companies enjoy with Vertiv. It is our way of Bringing Enterprise Level IT expertise to your SMB.


**Liebert® GXT4™ UPS includes**
- Power factor correction
- Internal batteries
- Frequency conversion
- Internal automatic bypass to protect against adverse conditions
- Manual bypass capability
- Support for up to six external battery cabinets

**Liebert GXT4™ UPS Flexible**

**Reliable and Low Total Cost Features**

**Flexibility:**
- **Two Programmable Outlets**
  - Can be programmed for load shedding and sequential restart if the UPS is in overload or when selected backup time remains

- **Intuitive LCD Display Panel**
  - The colored LCD display and control panel rotates 90° to re-adjust position matching the UPS mount either on tower or rack.

- **Automatic Frequency Sensing**
  - The UPS automatically adjusts to the input frequency, 50Hz or 60Hz.

- **Mounting Flexibility**
  - Rack rails and tower supports included

- **Intelligent Communications**
  - DCIM and BMS ready

The Liebert® GXT4™ UPS may require just a slim 2U of rack space, still it provides the capabilities often found only in larger systems. Get up to 3kVA of capacity and battery backup. External battery cabinets may be added for extended run time.

Liebert® GXT4™ UPS is a true on-line power source, which means power is always conditioned and supplied to the connected devices, whatever the quality of power coming in, a pure sinewave output results to ensure equipment is protected.

The Protection you need from Damaging power problems

Outages Sags Surges Spikes Noise

Transient Frequency Deviation Under-Voltage Over-Voltage Harmonics

On line, Double Conversion UPS for Ultimate Protection

Always Protected!

<table>
<thead>
<tr>
<th>Utility</th>
<th>Surge Suppression</th>
<th>Power Factor Correction/Rectifier Charger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inverter</td>
<td>Load</td>
<td>Dynamic Bypass</td>
</tr>
<tr>
<td>Battery</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**High Availability**

- **Advance Early Warning of UPS System Status**
  Multiple audible and visual alarms immediately alert you to critical issues.

- **3-11 minutes of Battery Backup Time at Full load**
  Provides ample time for an orderly shutdown. Optional matching external battery cabinets offer additional backup time.

- **Periodic Battery Testing**
  Provides automatic and manual self-diagnostic battery testing for peace of mind to indicate if the battery is healthy.

- **Replaceable Hot Swappable Batteries**
  Easy to replace batteries to protect your investment by extending the product life.

- **Power-Factor Correction**
  Prevents noise, harmonics and distortion from being passed on to connected loads or from being fed back to the utility.

- **Intelligent Battery Charging**
  Includes efficient three-stage charging technique and comprehensive discharging protection that extend battery life.

- **Input Circuit Breaker**
  Provides increased protection to ease recovery from overloads.

- **Lightning and Surge Protection**
  The transient voltage surge suppression (TVSS) circuitry inside Liebert GXT4 UPS provides additional protection for the connected equipment.

**Low total Cost Of Ownership**

**High Output Power**

Liebert GXT4 UPS rated output power factor up to 0.9 better matches switch-mode power supplies used in today’s IT equipment, providing more efficient utilization of the UPS.

**Active ECO Mode**

Connected equipment can be powered though the bypass while the inverter remains idle, reducing electricity consumption while raising efficiency up to 97% without compromise.

**Wide Input Voltage Window**

Prolongs battery life by allowing the UPS to maximize the use of utility power before transferring to battery when input voltage exceeds specified limits.

**Intelligent Fan Operation**

Automatically changes rotation speed depending on system requirements to decrease power consumption and Noise.

**Arrays of accessories with standard model**

Extended amount of accessories bundled with standard model saves capital expenses, such as Rail kit, IS-webcard etc.

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**Multiple Choices For Communication, Shutdown And Reporting**

**SNMP And Web-Based Communication Options**

Liebert IntelliSlot Web Card provides SNMP (including SNMPv3 and IPv6 and web-based management to your Liebert GXT4 UPS. Provides ability to monitor and control your UPS from your network management system or any PC running Microsoft Internet Explorer.

**Operation can be monitored using**

- Liebert IntelliSlot’ Web card with supports SNMP (including SNMPv3) and IPv6, and web-based management of your UPS
- Liebert Nform™ monitoring Software
- Liebert Universal Monitor and Remote Power Monitor Panels
- Liebert SiteScan™
- *Trellis™ Platform*
- Third-Party Monitoring Systems
- Built-in contact closure signals. Provides dry contact communications to remotely monitor the UPS operating modes.

**Micro POD for enhanced availability**

When your computer system can’t be without power, even for scheduled UPS maintenance, the Liebert MicroPOD Maintenance Bypass and Output Distribution Unit ensures continuous uptime. It allows you to manually transfer connected equipment to utility power via a maintenance bypass switch, permitting scheduled service or UPS replacement without the need to shut down connected equipment.
While today’s smaller, rack-based UPS systems offer relatively trouble-free operation, the growing criticality of the systems they support has increased the cost of downtime. As a result, the need to maintain these smaller UPS systems has become increasingly important.

Our Extended Service packages offer you complete peace of mind

Extended Warranty
Choose additional of 1-yr or 2-yr warranty on top of the 2-yr standard warranty for worry-free maintenance and total peace of mind.

Start-up
On-site system startup by a certified Vertiv customer engineer ensures that the equipment is up and running at an optimum performance.

Preventive maintenance
One or Two visits per year by an Vertiv customer engineer for higher reliability and availability.

On-site service
Should you experience a problem, a certified Vertiv customer engineer will be dispatched to repair or replace your equipment. Response is guaranteed.
## External Battery Specification

<table>
<thead>
<tr>
<th>Model Number</th>
<th>GXT4-48VBATT</th>
<th>GXT4-72VBATT</th>
<th>GXT4-3000RT230/230E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Used with UPS Model</td>
<td>GXT4-700&lt;sub&gt;RT230/230E&lt;/sub&gt;, GXT4-1000&lt;sub&gt;RT230/230E&lt;/sub&gt;, GXT4-2000&lt;sub&gt;RT230/230E&lt;/sub&gt;</td>
<td>GXT4-3000RT230/230E, GXT4-2000&lt;sub&gt;RT230/230E&lt;/sub&gt;</td>
<td></td>
</tr>
</tbody>
</table>

### Dimensions, W x D x H, mm (in)
- **Unit (with bezel):**
  - 497.7 x 430 x 85 (19.7 x 16.9 x 3.3)
  - 602 x 430 x 85 (23.8 x 16.9 x 3.3)

### Weight, kg (lb)
- **Unit:**
  - 32 (70.5)
  - 42 (92.6)

### Battery Parameters
- **Type:** Valve-regulated, non-spillable, lead acid
- **Quantity x V:** 2 x 4 x 12V x 9.0Ah

### Environmental
- **Operating Temp. °C (°F):**
  - 0 to 40 (32 to 104)
- **Storage Temp. °C (°F):**
  - -15 to 40 (19 to 104)
- **Relative Humidity:** 0-95% non-condensing
- **Operating Elevation:** Up to 3000 m (10,000 ft.) at 40°C (104°F)
- **Operating Elevation:** 15000 m (50,000 ft.) maximum

### Agency
- **Safety:** IEC/EN/AS 62040-1:2008, GS mark
- **Transportation:** FCC, PART 15, Class A = CISPR22 Class A
- **Safety:** IEC62040-2 2nd Ed.:2006
- **Transportation:** ISTA Procedure 1E

### Internal Battery Specification

<table>
<thead>
<tr>
<th>Load (%)</th>
<th>700VA</th>
<th>1kVA</th>
<th>1.5kVA</th>
<th>2kVA</th>
<th>3kVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>222</td>
<td>320</td>
<td>105</td>
<td>147</td>
<td>192</td>
</tr>
<tr>
<td>20</td>
<td>160</td>
<td>239</td>
<td>71</td>
<td>101</td>
<td>131</td>
</tr>
<tr>
<td>30</td>
<td>128</td>
<td>192</td>
<td>64</td>
<td>92</td>
<td>122</td>
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<tr>
<td>40</td>
<td>96</td>
<td>144</td>
<td>52</td>
<td>79</td>
<td>105</td>
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<tr>
<td>50</td>
<td>72</td>
<td>112</td>
<td>40</td>
<td>60</td>
<td>83</td>
</tr>
<tr>
<td>60</td>
<td>54</td>
<td>83</td>
<td>32</td>
<td>48</td>
<td>66</td>
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<td>70</td>
<td>46</td>
<td>68</td>
<td>26</td>
<td>39</td>
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<td>80</td>
<td>38</td>
<td>56</td>
<td>20</td>
<td>32</td>
<td>44</td>
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<tr>
<td>90</td>
<td>30</td>
<td>44</td>
<td>16</td>
<td>25</td>
<td>34</td>
</tr>
<tr>
<td>100</td>
<td>22</td>
<td>32</td>
<td>12</td>
<td>18</td>
<td>24</td>
</tr>
</tbody>
</table>

**Load (%)**
- 100% in 90icensed mode

**Specifications are subject to change without any prior notification**

*230 VAC RT Models Runtime*
## Specifications

<table>
<thead>
<tr>
<th>Rating</th>
<th>GXT4-700RT230</th>
<th>GXT4-1000RT230</th>
<th>GXT4-1500RT230</th>
<th>GXT4-2000RT230</th>
<th>GXT4-3000RT230</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GXT4-700RT230E</td>
<td>GXT4-1000RT230E</td>
<td>GXT4-1500RT230E</td>
<td>GXT4-2000RT230E</td>
<td>GXT4-3000RT230E</td>
</tr>
<tr>
<td>Input AC</td>
<td>700VA/630W</td>
<td>1000VA/900W</td>
<td>1500VA/1350W</td>
<td>2000VA/1800W</td>
<td>3000VA/2700W</td>
</tr>
<tr>
<td>Voltage Range (typical)</td>
<td>230VAC nominal; variable based on output load</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency Range</td>
<td>40Hz ~ 70Hz; Auto Sensing</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Input Power Receptacle</td>
<td>C14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mechanical Parameters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dimensions:</td>
<td>408 x 430 x 85 (16.2 x 16.9 x 3.4)</td>
<td>497 x 430 x 85 (19.6 x 16.9 x 3.3)</td>
<td>602 x 430 x 85 (23.7 x 16.9 x 3.3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight:kg (lb)</td>
<td>18.2 (40)</td>
<td>23.2 (51.1)</td>
<td>25.5 (56.1)</td>
<td>32.4 (71.4)</td>
<td></td>
</tr>
<tr>
<td>Output AC</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>200/208/220/230/240VAC (user configurable); ±3%</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequency</td>
<td>50Hz or 60Hz</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waveform</td>
<td>Pure Sinewave</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mains (AC) Mode Overload</td>
<td>The inverter shall be capable of supplying current and voltage for overloads exceeding 100%, and 105-130% for 1 minute, 131-150% 10 seconds, 151-200% for 1 seconds, and up to &gt;200% for 5 cycles of full load current.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charger Current, Amperes</td>
<td>1.3</td>
<td>1.88</td>
<td>2.71</td>
<td>2.5</td>
<td></td>
</tr>
<tr>
<td>Output Receptacles</td>
<td>C13 x 6</td>
<td>C13 x 6; C19 x 1</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Environment Parameters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temp</td>
<td>0°C to +40°C (+32°F to 104°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Storage Temp</td>
<td>-15°C to +50°C (5°F to 122°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Elevation</td>
<td>Up to 3000m (10,000 ft.) at 25°C (77°F) without derating</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audible Noise</td>
<td>&lt; 46 dBA at 1 meter(32ft) from the rear; &lt; 43dBA, at 1 meter (32 ft) from the front or side</td>
<td>&lt; 45 dBA at 1 meter (32ft) from the rear; &lt; 46dBA, at 1 meter (32 ft) rear</td>
<td>&lt; 48 dBA at 1 meter(32ft) from the rear; &lt; 48dBA, at 1 meter (32 ft) rear</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Valve-regulated, nonspillable, lead acid</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Qty x V x Rating</td>
<td>4 x 12V x 5.0Ah</td>
<td>4 x 12V x 9.0Ah</td>
<td>6 x 12 x 9.0Ah</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recharge Time</td>
<td>3 hours to 90% capacity after full discharge with 100% load till UPS auto-shutdown(Internal Batteries Only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agency</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety</td>
<td>IEC/EN/AS 62040-12008, GS MARK; UL 1778 Listed</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RFI/EMI</td>
<td>IEC/EN/AS 62040-2 2nd Ed. ( Category C2) = CISPR22 Class A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surge Immunity</td>
<td>IEC/EN 62040-2 2nd Ed ( IEC/EN 61000-4-5)</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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