Liebert® GXT3
Reliable On-line Protection in a Compact Tower Package
10kVA Tower

Liebert GXT3 UPS meets the need for higher power capacities in small spaces. This true on-line double conversion UPS system is available in two different 10kVA versions, and features integrated maintenance bypass, as well as optional extended battery runtime.

It is available in both transformer-less and transformer-in versions. The transformer less version can work in either 1x1 or 3x1 configuration, which makes it very flexible. The isolated version is fitted with an output Isolation transformer which allows using it at 110, 120 phase to neutral or 208, 220 phase to phase voltages, for dual input with phases shifted by 180 degrees.

Features

Flexibility
- Automatic frequency detection
- User replaceable hot-swappable internal batteries
- Additional runtime with additional battery cabinets
- Liebert IntelliSlot™ communications port
- Multiple output possibilities (hardwired and receptacles)
- Includes Windows-based configuration program
- Built-in USB communications for use with Liebert MultiLink™ Automated Shutdown Software
- Built-in closure signals
- Emergency Power Off (EPO)
- Parallelable up to 3 units

Higher Availability
- Wider input voltage window minimizes battery use
- Internal automatic and manual bypass
- Self-diagnostics

Lowest Total Cost Of Ownership
- Standard two-year replacement warranty
- Compact footprint
- Shields batteries from heat generating electronic components
- Battery cutoff voltage to prevent from overdischarge of batteries

Communications for Power Monitoring and Control
Liebert GXT3 UPS offers a variety of communications options to provide the monitoring and control capabilities demanded by today’s network computing systems. Operation can be monitored using:
- Liebert IntelliSlot Web Card providing SNMP and web-based monitoring and control of your UPS
- Liebert MultiLink™ Automated System Shutdown Software
- Liebert Nform™ Monitoring System
- Third-Party Monitoring Systems

The Liebert GXT3 is Ideally Suited for
- LAN & WAN Servers
- Network Equipment
- IP Telephony Deployments
- Office Telecommunications systems
- ISDN & frame relay applications
- Test and Diagnostic Equipment
- Micro Processor-controlled Equipment
- Banks
- Up to 0.9 Power Factor

0.9 PF
More Power Available!
Technical Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>GXT3-10000T230</th>
<th>GXT3-10000T220</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rating (VA / W)</td>
<td>10000 / 9000</td>
<td></td>
</tr>
<tr>
<td>Dimensions: H x W x D (mm)</td>
<td>800 x 300 x 675</td>
<td></td>
</tr>
<tr>
<td>Unit Weight (kg)</td>
<td>105</td>
<td>140</td>
</tr>
</tbody>
</table>

**AC Parameters**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>GXT3-10000T230</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operating Voltage Range</td>
<td>176 to 280VA (for 1 x 1), 304 to 485VAC (for 3 x 1)</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>50 to 60Hz auto-selection</td>
</tr>
</tbody>
</table>

**Input Connections**

- 230V: Single-phase (L, N, G) hardwired, 10mm²
- 400V: Three-phase (L1, L2, L3, N, G) hardwired, 10mm²

**Output Connections**

- Single-phase (L, N, G) hardwired, 10mm²
- (GEC, X1, X2, X3, X4, GND) hardwired, 10mm²
- Bypass: (L1, L2, GND) hardwired, 10mm²

**Output Voltage**

- 220 / 230 / 240VAC
- 208VAC

**Wave Form**

- Sinewave

**Battery Parameters**

<table>
<thead>
<tr>
<th>Type</th>
<th>CSB HR1234W or Panasonic UP-RW1245</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantity x Voltage</td>
<td></td>
</tr>
<tr>
<td>Recharge Time (internal batteries)</td>
<td>3 hours to 90% capacity after full discharge with 100% load</td>
</tr>
</tbody>
</table>

**Environmental Parameters**

| Operating Temperature              | 0 to 30 °C with 0.9 pf, 30 to 40 °C with 0.8 pf |
| Storage Temperature                | -15 to 50 °C |
| Relative Humidity                 | 0 to 95%; non-condensing |
| Operating Elevation               | Up to 1000m |
| Audible Noise                      | < 55dBA at 1m from the rear, < 55dBA at 1m from the front or sides |

**Agency Approvals**

**Safety**

- IEC / EN / AS 62040-1
- UL 1778

**Electromagnetic Compatibility (EMC)**

- IEC / EN / AS 62040-2, Category C2 (RFI / EMI and Immunity against ESD, RF, bursts, surges)
- FCC Part 15, Subpart B, Class A (RFI/EMI)
- IEC / EN 61000-4-5, ANSI C62.41 for North America (Immunity against surges)

**Transportation**

- ISTA Procedure 1A

**Battery Cabinet Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>GXT3-240TBATT CE</th>
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</thead>
<tbody>
<tr>
<td>Dimensions: H x W x D (mm)</td>
<td>800 x 300 x 675</td>
</tr>
<tr>
<td>Unit / Shipping Weight (kg)</td>
<td>110 / 140</td>
</tr>
<tr>
<td>Shipping Weight (kg)</td>
<td>140</td>
</tr>
<tr>
<td>Environmental Parameters</td>
<td></td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>0 to 40 °C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>-15 to 40 °C</td>
</tr>
<tr>
<td>Relative Humidity</td>
<td>0 to 95%; non-condensing</td>
</tr>
<tr>
<td>Operating Elevation</td>
<td>Up to 1000m at 40°C</td>
</tr>
</tbody>
</table>

**Agency Approvals**

**Safety / Emissions**

- CE

**Transportation**

- ISTA Procedure 1A

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**230 VAC Tower Model Runtime**

<table>
<thead>
<tr>
<th>Load (%)</th>
<th>Internal Battery</th>
<th>+ 1 External Battery</th>
<th>+2 External Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>78</td>
<td>185</td>
<td>313</td>
</tr>
<tr>
<td>20</td>
<td>38</td>
<td>125</td>
<td>161</td>
</tr>
<tr>
<td>30</td>
<td>22</td>
<td>87</td>
<td>136</td>
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<tr>
<td>40</td>
<td>15</td>
<td>53</td>
<td>106</td>
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<tr>
<td>50</td>
<td>11</td>
<td>46</td>
<td>82</td>
</tr>
<tr>
<td>60</td>
<td>8</td>
<td>39</td>
<td>69</td>
</tr>
<tr>
<td>70</td>
<td>6</td>
<td>32</td>
<td>52</td>
</tr>
<tr>
<td>80</td>
<td>5</td>
<td>26</td>
<td>48</td>
</tr>
<tr>
<td>90</td>
<td>4</td>
<td>22</td>
<td>43</td>
</tr>
<tr>
<td>100</td>
<td>3</td>
<td>18</td>
<td>38</td>
</tr>
</tbody>
</table>

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- **Outside Plant**
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- **Surge Protection**

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