# Liebert® GXT MT + 6-10 kVA

## Features

- IGBT Based Rectifier

- True Online Double Conversion with DSP Control Technology for High Performance and Reliability.

- New Graphical LCD Display Provides UPS Data, Alarms and Helps in faults diagnostics and trouble shooting.

- Double Conversion Efficiency upto 91%.

- Active Input Power Factor Correction 0.99.

- 0.8 Output Power Factor.

- Wide Input Voltage window

- (110 - 280 Vac) for Indian

- Environmental Condition and for Optimized Battery Performance.

- Configurable Output Voltage (200/208/220/230/240 Vac.)

- Generator Compatible with Wide Input Frequency Range (40 Hz-70 Hz).

- 4 Stage Extendable Charging Design for optimized Battery Performance.

- Adjustable Battery Charging Current 1/2/4/6 Amps according to Battery Capacity and Rating.

- 50/60 Hz Automatic Frequency Converter Mode.

- Intelligent Monitoring with Standard RS232/USB Port Plus Slot Available for RS485/Dry Contact/SNMP Card.

- Inbuilt OVCD.

## *True Online Double Conversion UPS with extended runtime capabilities*

Liebert® GXT MT+ 6kVA is a full featured transformer free UPS designed to offer compact efficient and reliable power to power thirsty modern electronic gadgets. It features double conversion online design that ensure continuous high quality power even when the main AC powerfails. Utilize stat of the art technology and components to withstand fluctuation of input main voltage. Extra wide input voltage and frequency range effectively reduces the discharging period of battery; thus prolong battery life

The Liebert® GXT-MT+ 6 kVA is compact high efficiency UPS System with best-in-class Online UPS technology suited for critical applications such as IT & Communication Equipments, VoIP, Small/Medium Data Center, Server Rooms, ATMs etc. It's compact design provides high reliability with promise of Performance Without Compromise suited for India Power Condition. Liebert® GXT MT+ 6 kVA achieves up to 91% efficiency in double conversion mode and up to 97% in ECO mode ensuring effective load protection while reducing the total cost of ownership (TCO) and environmental impact

Liebert® GXT-MT+ 6 & 10 kVA

## Technical Specifications

| Model | GXT MT+ 06 kVA | GXT MT+ 10 kVA |
|---|---|---|
| Phase | 1 phase in / 1 phase out | |
| Capacity | 6000 VA/4800 Watt | 10000 VA/8000 |
| **Input Characteristics** | | |
| Nominal Voltage | 230 Vac (1 Ph+ N) | |
| Voltage Range | 160 Vac-300 Vac (1-phase) @ 100% load | |
| Frequency Range | 46~54 Hz or 56~64Hz | |
| Power Factor | ≥ 0.99  @ 100% load | |
| Thdi | < 6% @ 100% load | |
| **Output Characteristics** | | |
| Output Voltage | 208 **/220/230/240VAC | |
| Ac Voltage Regulation (Batt. Mode) | ± 1% | |
| Frequency Range (Synchronized Range) | 46~54Hz or 56~64Hz | |
| Frequency Range (Batt. Mode) | 50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz | |
| Current Crest Ratio | 3:1 (max.) | |
| Harmonic Distortion | ≤ 2 % THD (Linear Load)  ;  ≤ 5 % THD (Non-linear Load) | |
| Transfer Time | zero<br>zero | |
| Waveform (Batt. Mode) | Pure Sinewave | |
| Ac Mode Effiiciency | 91% | |
| Eco Mode Efficiency | 97% | |
| **Battery Characteristics** | | |
| Battery Type | Lead acid/Tubular/Li-ion | |
| Numbers | 16-20***(adjustable) | |
| Charging Current (Max.) | 6 Amps settable to 1/2/3/4/5/6 Amps | |
| Charging Voltage | 273 VDC ± 1%  (Based on 20pcs bateries) | |
| **Indicators** | | |
| Lcd Panel | UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions | |
| **Alarm** | | |
| Battery Mode | Sounding every 4 seconds | |
| Low Battery | Sounding every second | |
| Overload | Sounding twice every second | |
| Fault | Countinuously sounding | |
| **Physical** | | |
| Dimension, D X W X H (Mm) | 369 x 190 x 318 | 442 x 190 x 318 |
| Net Weight (Kgs) | 21 | 23 |
| **Environment** | | |
| Operation Humidity | 0-95 % RH @ 0- 40°C (non-condensing) | |
| Noise Level | < 55 dB @ 1 meter | |
| **Management** | | |
| Smart Rs-232/Usb | Supports Windows® 2000/2003/XP/Vista/2008, Windows®  7/8, Linux, Unix, and MAC | |
| Optional SNMP | Power management from SNMP manager and web browser | |

*Product specifications are subject to change without further notice
**Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC
** *When using batteries from 16-19, the unit will be de-rate according to formula ; P= Prating X N/20