



Liebert®  
GXT MTX+ 6KVA  
Tower based UPS System



## *Efficiency. Availability. Capacity. Control.*

Liebert® GXT MTX+ 6 kVA is a full featured Transformer based UPS designed to offer compact efficient and reliable power thirsty modern electronic gadgets. It features double conversion online design that ensure continuous high quality power even when the main AC power fails.

The Liebert® GXT MTX+ 6 kVA is compact 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.

The Liebert® GXT MTX+ 6 kVA is a true on-line sinewave UPS system that provides the user with clean computer grade power for continuous operation of his critical load, regardless of any disturbance on the upstream AC Power. The system offers many Innovative features to give the user maximum reliability and flexibility at the lowest operation cost. With Liebert® GXT MTX+ 6 kVA UPS system, you have complete peace of mind.

Liebert® GXT MTX+ 6 kVA provides customer with reliable source of uninterruptable power protection even in demanding power environments including Wide input Voltage window, frequency Regulation, input power factor Correction, Better output Voltage Regulation.





Liebert® GXT MTX+ 6KVA



Upto 94% efficiency  
in ECO mode



Input PF >0.99



Active power upto  
0.8 Output PF



Compact Foot print



Widest input  
voltage window

## Features and Performances

- 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 troubleshooting.
- Double Conversion Efficiency upto 84%.
- ECO Mode Efficiency upto 94%.
- Active Input Power Factor Correction 0.99.
- 0.8 Output Power Factor.
- Wide Input Voltage window ( 110 — 300 Vac ) for Indian Environmental Condition and for Optimized Battery Performance.
- Adjustable Battery Configuration from 16\*/18\*/20 pcs and Digital battery Charger with Adjustable Charging Current ( 0.5 Amps to 6 Amps ) Via LCD Display.
- 3 Stage Extendable Charging Design for the Optimized Battery Performance.
- 50/60 Hz Automatic Frequency Converter Mode.
- Intelligent Monitoring with Standard RS232/USB Port Plus Slot Available for RS485/Dry Contact/SNMP Card.
- Remote Monitoring with Multiple Server Shutdown Capability and Compatibility with all Major Operating System.
- CE and ROHS Compliance.

## Application

- Data Networks : Business critical servers, Mid Range servers (Windows and Linux), WiFi applications and data networks
- Small and Medium Data Center: Small and medium data center room to manage the small office network, Software Development Center and Business critical continuity
- Voice Networks: Cellular sites, Voice over IP (VOIP), Very Small Aperture Terminals (VSAT) PBX, and IT enabled PBX.



Liebert® GXT MTX+ 6KVA

## Communication and Option

### Advanced LCD Display.

- New Graphical Display which Display UPS Parameters, Fault Codes, Alarms
- Fault Type is clearly mentioned on the display for fast diagnostic.
- LCD display Provides Maximum operational Convenience while Managing the UPS.

### SNMP Card

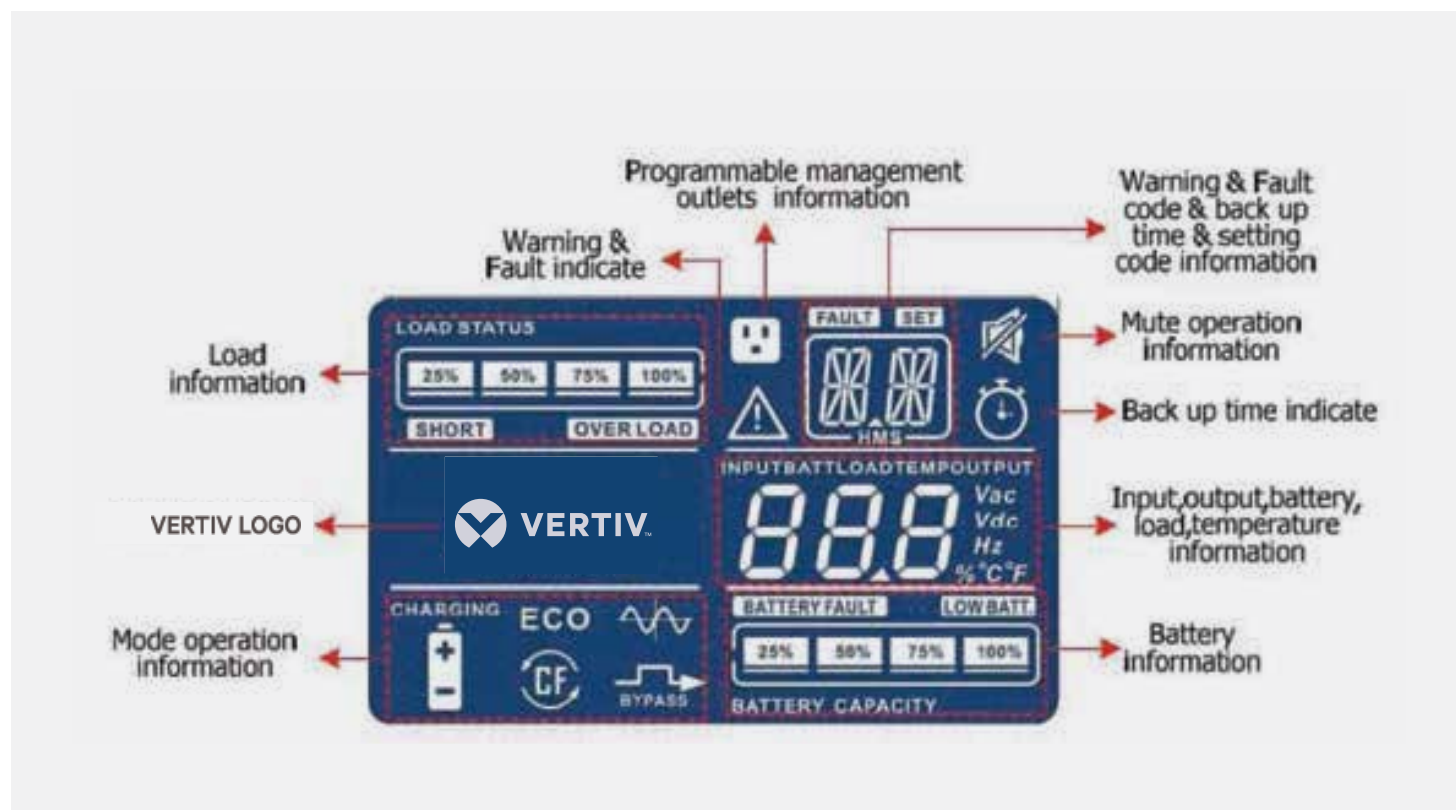
- Network Monitoring SNMP Card, Used for Remote TCP/IPWeb Monitoring, Supporting Remote Shutdown.

### Dry Contact Card

- Dry Contact for UPS, Providing Four Relay signal Output.

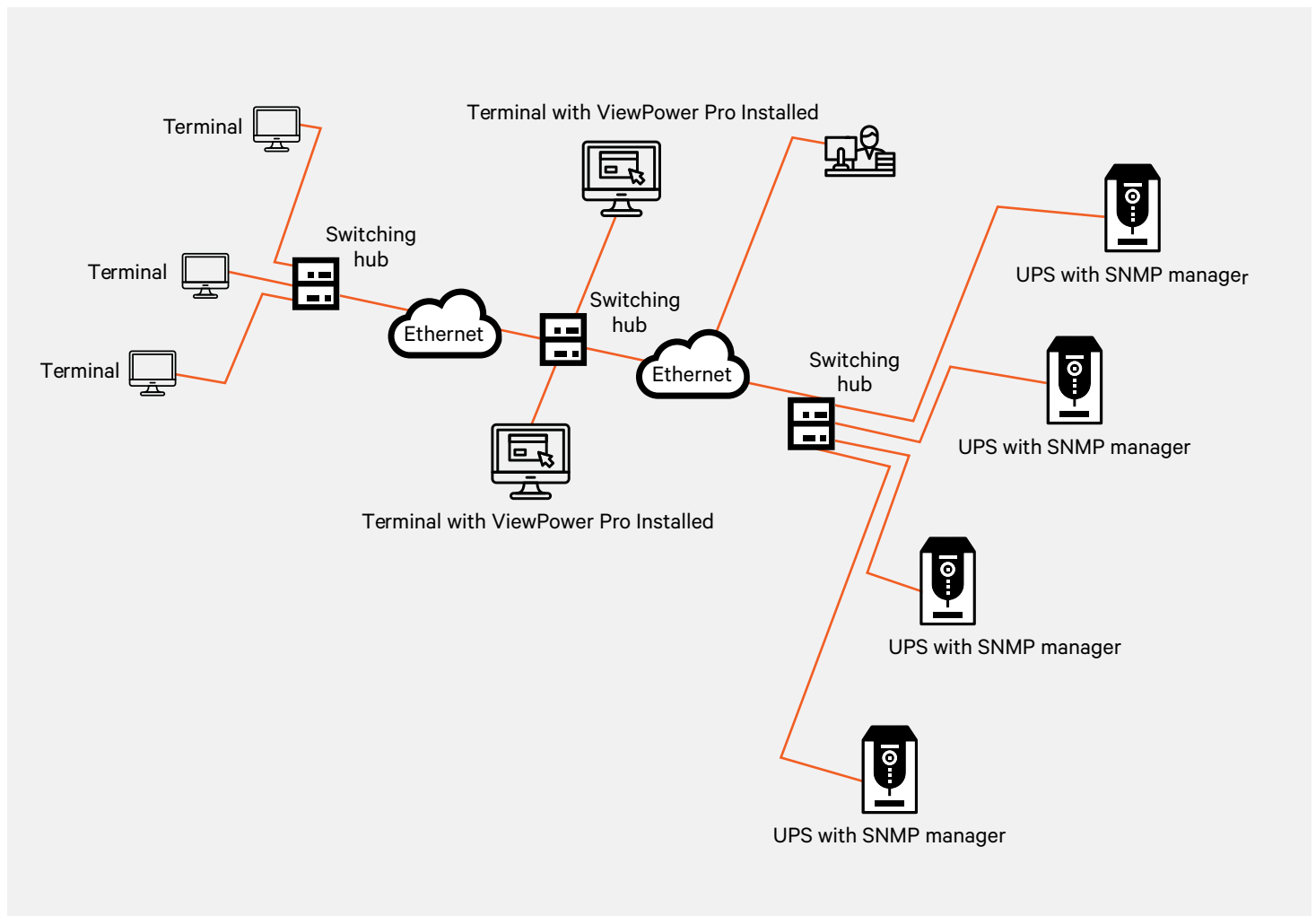
### Mod Bus Card

- Select it when UPS Needs to communicate with Building Management System.



## Intelligent Management functions

- Remote Monitoring is available through USB/RS232, and optional via dry contacts and SNMP. The monitoring option software supports TCP/IP with event log and analysis function.
- Self-diagnosis and protection enable the auto shutdown of the client terminal or server under abnormal mains supply or when battery is over discharged.
- SNMP Manager Card with advanced viewpower Software (Optional): allows remote monitoring thro' Rj45 & manages multiple UPS from anywhere thro' internet. Data logging Real time dynamic graphs of UPS data, warning Wnotification via audible alarm, broadcast, mobile message, e-mail & SNMP traps. Also supports optional environmental monitoring detector for temperature, humidity and smoke. Password security protection and remote access management.



## Technical Specifications

Model		GXT MTX+ 6 kVA
Capacity		600 VA / 4800 W
<b>Input</b>		
Voltage Range	Low Line Loss	110 VAC ± 3% at 50% Load 160 VAC ± 3% at 100% Load
	Low Line Comeback	Low Line Loss Voltage +10V
	High Line Loss	300 VAC ± 3%
	High Line Comeback	High Line Loss Voltage - 10V
Frequency Range		46Hz ~ 54Hz @ 50Hz system 56Hz ~ 64Hz @ 60Hz system
Phase		Single phase with ground
Power Factor		≥ 0.99 @ 100% load
<b>Output</b>		
Output Voltage		220/230/240VAC
Ac Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		46 Hz ~ 54 Hz @ 50Hz system or 56 Hz ~ 64 Hz @ 60Hz system
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Power Factor		0.8
Overload	AC Mode	100% ~ 105%: 10min, 105% ~ 125%: 1min, >125% : 1sec
	Battery Mode	100% ~ 105%: 30sec, 105% ~ 125%: 10sec, >125% : 1sec
Current Crest Ratio		3:1 max
Harmonic Distortion		≤3 % @ 100% Linear Load : ≤7% @100% Non-Linear Load
Transfer Time	Line to Battery	0 ms
	Inverter to Bypass	0 ms
Configuration		Standalone / Hot-Standby
<b>Efficiency</b>		
AC Mode		>84%
Battery Mode		>83%
<b>Battery</b>		
Long Run Model	Type	Lead acid/Tubular/Li-ion
	Numbers	16-20 Derating capacity = original real power capacity X N/20
	Charging Current	Default: 4 A ± 10%
		Max.: 6A ± 10% (settable)
Charging Voltage		13.65 V ±1%
<b>Physical</b>		
Long Run Model	Dimension, D x W x H (mm)	369x190x630
	Net Weight (kgs)	72
<b>Environment</b>		
Operation Temperature		0 ~ 40 °C (battery life cycle will be shorten when temperature is above 25 °C)
Operation Humidity		<95 % and non-condensing
Operation Altitude		<1000m
Acoustic Noise Level		Less than 65dBA @ 1 Meter
<b>Management</b>		
Smart Rs-232/Usb		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7, 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



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