

■ AC Power Solution  
Business Critical Continuity

## Liebert GXT-MT + (1, 2, 3kVA Online UPS System)



 **Liebert**<sup>®</sup>

  
**EMERSON**<sup>™</sup>  
Network Power



## The Liebert GXT-MT +

### True Online Double Conversion UPS With Extended Runtime Capabilities

- **Liebert GXT-MT+** features a comprehensive specification, satisfies safety criteria and electro magnetic compatibility standards, and offers intelligent monitoring and network management functions.
- **Liebert GXT-MT+** satisfies your requirements for high reliability and high availability of the AC power supply.
- **Liebert GXT-MT+** Making easily deployed in an office & Small / Medium industrial application.
- **Liebert GXT-MT+** long run model (L) deploys adaptive battery architecture to maximise your valuable rack space utilisation. Application specific battery configuration and placement ensures optimal performance with adequate power backup.

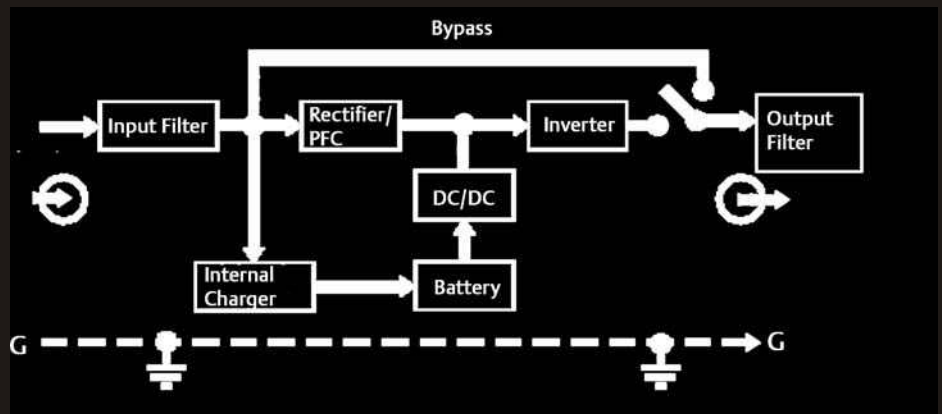


#### LCD Display



Note:- Liebert GXT-MT+ standard model is provided complete with internal battery.  
Liebert GXT-MT+ (long back up model) application specific battery and cabinet available through your local Emerson Network Power representative.

# True Online Double Conversion



## Applications

- Small Size Data Center
- Telecommunication, VoIP
- Small Office Network
- Data Warehouses
- Process Automation Equipments

## Features

- 0.8 output power factor
- Emergency power off (EPO) [ECO mode]
- LCD display for status/fault information
- Configurable to energy saving mode (ECO)
- Extended Runtime Capabilities
- Flexible (Site Specific) Battery Configuration
- Compact Tower design
- Generator Compatible with wide input frequency range (40 to 70 Hz)
- Ultra wide input voltage range
- High capacity Battery Charger for long backup
- High input power factor & low THDi

## Flexible Configuration

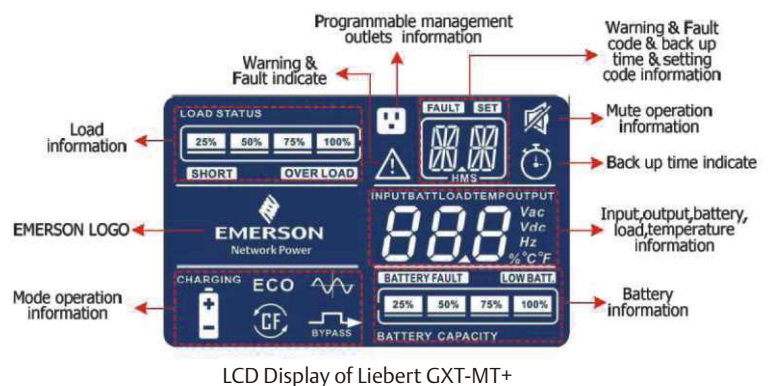
- Extended Run Time ready facilitated through a simple process of building up additional battery resources.
- Multiple AC output interfaces via IEC standard sockets with Programmable output.

## Convenient maintenance

- Fault type is clearly displayed for fast troubleshooting.
- LCD display provides maximum operational convenience when managing the UPS.

## Intelligent Management functions

- Stronger Battery charger on the GXT L model for quick recharge
- 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.



# Technical Specifications

Model	1 kVA	2 kVA	3 kVA
<b>OUTPUT PARAMETERS</b>			
Capacity	1kVA / 800W	2kVA / 1600W	3kVA / 2400W
Power Factor	0.8		
Nominal Voltage	220 / 230 / 240 Vac		
Voltage THD	<=3% - Linear Load <=6% - Non Linear load	<=4% - Linear Load <=7% - Non Linear load	<=4% - Linear Load <=7% - Non Linear load
Frequency Regulation - Free Run (Unsynchronised with bypass)	+ / - 0.5 Hz		
Frequency Regulation (Synchronised with bypass)	47.5 - 52.5 HZ / 57.5 - 62.5 HZ		
Creast Factor	3:1 max.		
AC - AC Efficiency	88% R-Load, 87% RCD - Load		
Transfer time - Mains to battery	0 millisec		
Transfer time - Inverter to bypass - Synchronisation mode	4 msec		
<b>INPUT PARAMETERS</b>			
Configuration	1 phase, L-N + PE		
Nominal Voltage	230 Vac		
Voltage range	160V to 300V at 100% Load, At 60% Load 110V to 300 Vac		
Frequency	50 / 60 Hz		
Frequency range - Hz	40 - 70 Hz		
Power Factor	>=0.95		
<b>BATTERY CHARGER</b>			
Nominal Voltage - Float	41 Vdc	108 Vdc	82.1 Vdc
Maximum charging current - STD. / LB.	1A - STD and 4 / 8 A - LB		
<b>BATTERY PARAMETERS</b>			
Type	SMF		
No. of battery blocks (SB Model)	3 X 7 Ah	6 X 7 Ah	6 X 9 Ah
Battery Voltage (LB Model)	36 VDC (3 Battery Blocks)	96 VDC (8 Battery Blocks)	96VDC (8 Battery Blocks)
<b>ENVIRONMENTAL PARAMETERS</b>			
Operating temperature	0 to 40 deg. centigrade		
Storage temperature	-20 to 50 deg. centigrade		
Noise level	<45db		
<b>MECHANICAL PARAMETERS</b>			
Height X Width X Depth (MM)	220 X 145 X 388.5	318 X 190 X 387	318 X 190 X 387
Weight	13 kg. - STD., 7 kg. - LB	26 kg. - STD., 13 kg. - LB	28 kg. - STD., 13 kg. - LB
Colour / Panel finish	RAL 7016 dark grey		
Protection	IP20		
Communication Port	RS232, USB		
EPO (Emergency Power off Mode)	Yes		
MONITORING SOFTWARE	SNMP, dry contact card, UPSilon 2000		
<b>STANDARDS</b>			
EMI	EN 62040-2: 2006		
SAFETY	EN 62040-1-1: 2003		
PERFORMANCE (technical feature)	IEC / EN 62040 - 3		

## Emerson Network Power

The global leader in enabling Business-Critical Continuity™

- AC Power
- Connectivity
- DC Power

- Embedded Computing
- Embedded Power
- Monitoring

- Outside Plant
- Power Switching & Controls
- Precision Cooling

- Racks and Integrated Cabinets
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- Surge Protection

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For disposal of Batteries Please visit the below link:  
<http://www.cpcb.nic.in/divisionsofheadoffice/hwmd/lead.pdf>

**Note:** Specifications & Features may vary based on the condition.

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