Liebert® GXTMT+ LX (3 X 3)

10 kVA

Powerful and Robust UPS

Key Features

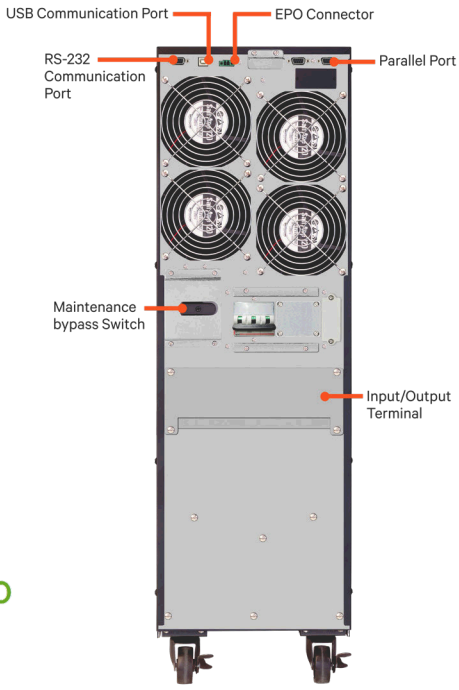
- True Online Double-conversion UPS
- Embraces the latest DSP processor which guarantees high performance
- Output power factor 0.9
- Active input power factor correction in all phases
- 50 Hz/60 Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power-off function (EPO)
- Generator compatible
- Multiple communication ports (SNMP+USB+RS-232) for remote monitoring and management
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers for long-run model
- Integrated Maintenance Bypass Breaker
- Scalable up to 30 kVA
- Caster wheels for easy repositioning

The Liebert® GXTMT+ LX (3 X 3) is a True Online Double-conversion UPS with extended runtime capabilities which offers multi-layer power protection and provides continuous reliable power to your mission critical loads.

Description

The Liebert® GXTMT+ LX (3 X 3) is designed to be the most compact and reliable UPS. It's best-in-class efficiency, robustness, and simplified installation & operations offers protection and continuous power to your mission-critical infrastructure.

The ultimate level of engineering and dynamics that have gone beyond the development of this UPS makes it a high performance system with proven reliability, giving you ultimate peace of mind.



Application

Smart City
- Monitoring System
- Signaling System
- Communication System
- Emergency Command System

IT application
- Computing Servers
- Network Switches
- Storage Devices
- Workstations

Business
- ATM Machine
- POS System
- Vending Machine
- Large LED Screen

Equipment
- Signal System
- Ticket Vending Machine
- PLC Automation Devices
- Scientific Instrument

Technical Specifications

MODEL	GXTMT+ 10 kVA LX (3 X 3)	
Rating	10 kVA/9 kW (3 in - 3 out)	
System Parameter	Technology	IGBT based double conversion PWM based online UPS
	Parallel Mode	3 UPS
	Installation Mode	Tower
Input	Rated Voltage	400 VAC 3-phase, 4-wire
	Voltage Range	Three phase 305 VAC - 520 VAC
	Rated Frequency	50 Hz/60 Hz
	Input THDi	<5%(1)
	Frequency Range	46 Hz to 54 Hz, 56 Hz to 64 Hz
	Power Factor	0.99
Output	Rated Power	10 kVA/9 kW
	Voltage	Three Phase 400 VAC, 50 Hz
	Frequency Synchronization Range	Rated frequency±4 Hz. Configurable range: ±0.5 Hz ~ ±5 Hz
	Rated Power Factor	0.9
	Crest Factor	3:1
	Output THDv	< 2% linear load and 5% for non linear load
	Voltage Regulation	1%
	Dynamic response Recovery Time	60 ms
	Inverter Overload Capability on Utility Mode	100% to 110% - 10 min, 110 - 130% -1 min, >130% - 1 sec
	Inverter Overload Capability on Battery Mode	100% to 110% - 30 sec, 110 - 130%-10 sec, >130% - 1 sec
Bypass	Separate Bypass	Yes
	Maintenance Bypass	Inbuilt
	Static Bypass	Inbuilt
Efficiency	ECO Mode	96%
	Online Mode (AC-AC)	>91%
	Inverter Efficiency (DC-AC)	>86%
Battery	Type	Sealed, lead-acid, Tubular, Li-ion
	No's of Batteries	18(2) - 20
	Battery Charging Capacity	12 A
Transfer Time	Mains - Battery	4 ms
	Inverter - Bypass	Synchronous transfer: ≤0 ms, Asynchronous transfer (default): ≤20 ms
Noise	<60 db	
Panel Display Mode	LCD display	
Environmental Parameter	Operating Temperature	0 °C to 40 °C
	Storage Temperature	-15 to 65 °C (excluding battery), -0 to 35 °C (including battery)
	Relative Humidity	5% RH ~ 95% RH, non-condensing
	Altitude	1000 m
Mechanical Parameter	W X D X H (mm)	250 X 592 X 826
	Weight (Kg)	38
	Ventilation	Forced -air cooled
	Ingress Protection Level	IP20
	Color	Powder coated Black Texture finish
	Cable Entry	Rear
Network Management	Smart RS-232/USB	Supports Windows 2000/2003/2008/Vista/XP, Windows 7, Linux, Unix, and MAC
	SNMP	Power management from SNMP manager and web browser
	Management Software	View power
	Modbus	Optional
Certifications	Safety (CE)	IEC/EN62040-1-1
	Electromagnetic Compatibility (EMC)	IEC/EN62040-2, IEC/EN61000-3-11, IEC/EN61000-3-12, YD/T1095-2008
	Surge Protection	IEC/EN62040-2, meeting IEC/EN61000-4-5 level 4
	ROHS	2011/65/EU

Product Specifications are subject to change without any prior notification. Note : (1) THDi on Y phase is 12% due to charger (2) When using battery from 18 to 20 nos, the unit will de-rate according to formula P= Rating x N/20

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