

Liebert

GXT MT+ 10 kVA UPS

■ AC Power Protection for
Business-Critical Continuity™

■ Features

- True double-conversion on line UPS
- DSP technology guarantees high performance
- Output power factor 0.8
- Standard backup UPS and long backup UPS in one integrated unit
- Adjustable battery number from 16* pcs/18* pcs/20 pcs
- Adjustable charging current via LCD or software (0.5A~6A)
- Wide input voltage range (110-300 VAC)
- Active input power factor correction 0.99
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- 3-stage extendable charging design for optimized battery performance
- Maintenance bypass available
- SNMP/USB/RS-232 communications



Technical Specifications

MODEL		GXT MT+ 10K
PHASE		1 phase In / 1 phase Out
CAPACITY		10000 VA / 8000 W
INPUT		
Voltage Range	Low Line Loss	110 VAC ± 3% at 50% Load 155 VAC ± 3% at 100% Load
	Low Line Comeback	120 VAC ± 3% at 50% Load 160 VAC ± 3% at 100% Load
	High Line Loss	300 VAC ± 3%
	High Line Comeback	290 VAC ± 3%
	Frequency Range	46Hz ~ 54 Hz or 56Hz ~ 64 Hz
Power Factor		≥ 0.99 @ 100% load
OUTPUT		
Nominal Voltage		208/220/230/240VAC
AC Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		46Hz ~ 54 Hz @ 50Hz system 56Hz ~ 64 Hz @ 60Hz system
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Current Crest Ratio		3:1 (max.)
Harmonic		≤ 3 % THD (Linear Load), ≤ 6 % THD (Non-linear Load)
Transfer Time	Bypass to Inverter (Line mode)	0ms
	Inverter to Bypass (Line mode)	0ms
Waveform (Batt. Mode)		Pure Sinewave
EFFICIENCY		
Line Mode		90%
Battery Mode		89%
BATTERY		
Standard	Battery Type	12 V / 9 AH
	Numbers	20 (16-20 adjustable)
	Typical Recharge Time	9 hours recover to 90% capacity
	Charging Current	Default: 1.0 A ± 10%, Max.: 2.0 A ± 10%
	Float Charging Voltage	273 VDC ± 1% (based on 20 pcs batteries)
Long-run	Battery Type	Depending on applications
	Numbers	16-20** (adjustable)
	Charging Current	Default: 4.0 A ± 10%, Max.: 6.0 A ± 10%
	Float Charging Voltage	273 VDC ± 1% (based on 20 pcs batteries)
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		Continuously sounding
PHYSICAL		
Standard	Dimension, D X W X H (mm)	442 x 190 x 688
	Net Weight (kgs)	75
Long-run	Dimension, D X W X H (mm)	442 x 190 x 318
	Net Weight (kgs)	23
ENVIRONMENT		
Operation Humidity		0-95 % RH @ 0-40°C (non-condensing)
Noise Level		Less than 58dBA @ 1 Meter
MANAGEMENT		
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

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC.

** When using internal batteries from 16-19, the unit will de-rate according to below formula: $P = Prating \times (N/20 \times 100\%)$

*** If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.

Product specifications are subject to change without further notice

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Awards 2008



Best Practices Award
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(Market Leadership – UPS)



Liebert NXr - Best in SD
Users' Satisfaction, 2011
Softdisk Magazine SD
Awards 2011

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- Services

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For disposal of Batteries please visit the below link:

<http://www.cpcb.nic.in/divisionsofheadoffice/hwmd/lead/pdf>

Note: Specifications and Features may vary based on the condition.