



Liebert®

GXT MT+ CX4 1K SB

1 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 89%.
- 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).
- 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 inbuilt Battery for safe working environment.

Liebert GXT MT+ CX4 1K SB systems is true double conversion online UPS systems designed to provide with a capacity of 1 kVA with inbuilt battery. Liebert GXT MT+ CX4 1K SB unit feature total isolation of the load from the mains - isolating input and output sections, and making the systems ideal for Work From Home / Data Networks / Small Data Centers/VOIP Applications.



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MODEL		GXT MT+ CX4 1K SB
PHASE		1 phase in / 1 phase out
CAPACITY		1000VA/ 800W
INPUT		
Nominal Voltage		230 Vac
Voltage Range	Low Line Loss	"110 VAC ± 5% at 50% Load 160 VAC ± 5% at 100% Load"
	Low Line Comeback	"125 VAC ± 5% at 50% Load 175 VAC ± 5% at 100% Load"
	High Line Loss	280 VAC ± 5 %
	High Line Comeback	270 VAC ± 5 %
Frequency Range		40Hz ~ 70 Hz
Power Factor		0.95 @ nominal voltage (input voltage)
OUTPUT		
Nominal Voltage		200/208/220/230/240VAC
AC Voltage Regulation		± 1% (Batt. Mode)
Frequency Range (Synchronized Range)		47 ~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Current Crest Ratio		3:1
Harmonic Distortion		≤ 3 % THD (Linear Load), ≤ 6 % THD (Non-linear Load)
Transfer Time	AC Mode to Batt. Mode	Zero
	Inverter to Bypass (Line Mode)	4ms (Typical)
Waveform		Pure Sinewave
EFFICIENCY on AC to AC mode@ 100% load.		upto 89%
BATTERY		
Battery Type		12V 9AH
Numbers		4
Recharge Time		4 hours recover to 90% capacity (Typical)
Charging Current		2.0 A (max.)
Charging Voltage		27.4 VDC ±1%
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
Bypass Mode		Sounding every 10 seconds
PHYSICAL		
Dimension, D X W X H		397 X 145 X 220 (mm)
Net Weight (kgs)		17
ENVIRONMENT		
Operation Humidity		0-95 % RH @ 0- 50°C (non-condensing)*
Noise Level		Less than 45dBA @ 1 Meter
MANAGEMENT		
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7, Linux, Unix and MAC
Optional SNMP		Power management from SNMP manager and web browser

* Derate capacity to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 200VAC/208VAC or when the ambient temperature from 40°C to 50°C.

**Product specifications are subject to change without further notice.



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