



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.



Liebert GXT MT+ CX4 1K SB
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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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