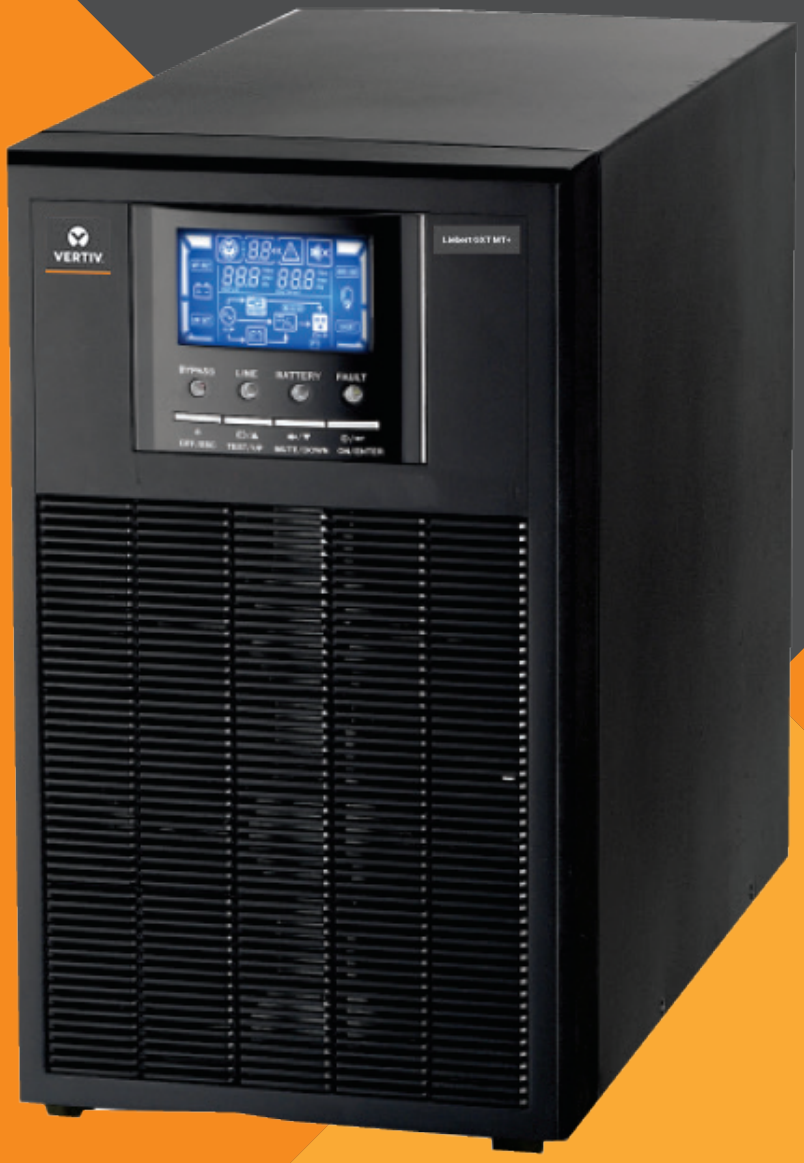
VERTIV.™

Liebert™

GXT MT+
6/10/20 kVA



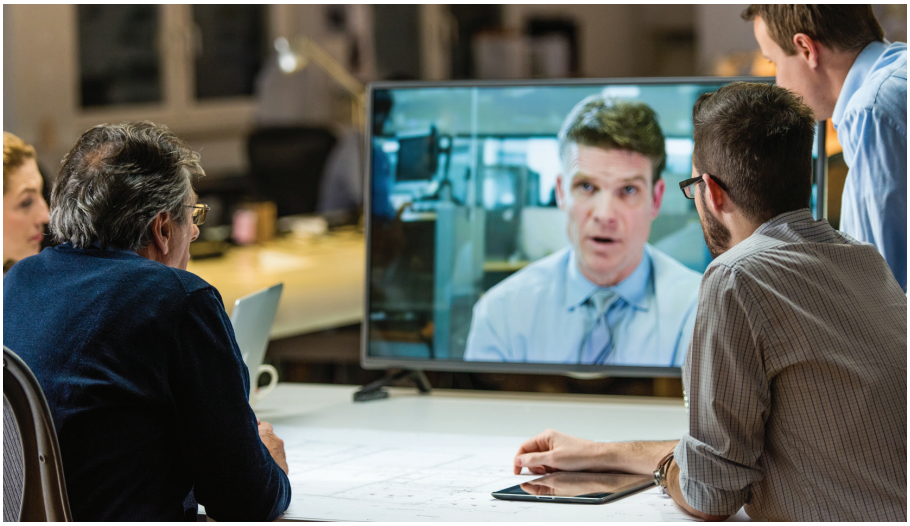
Liebert GXT MT+
6 kVA - 20 kVA 1x1 / 3x1 UPS System

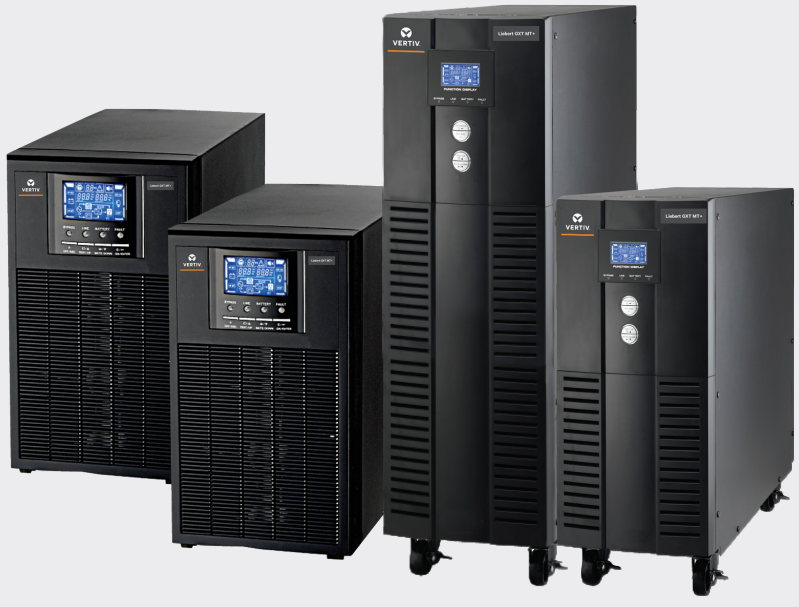
FEATURES

- 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 90%.
- 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).
- 4 Stage Extendable Charging Design for optimized Battery Performance.
- Adjustable Battery Charging Current 1/2/4/6 Amps according to Battery Capacity and Rating.
- 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 optional built - in galvonic isolation & with extended runtime capabilities

Liebert GXT MT+ Series systems is true double conversion online UPS systems designed to provide with a capacity of 6/10/20 kVA. Liebert GXT MT+ units feature total isolation of the load from the mains - isolating input and output sections, and making the systems ideal for Data Networks / Small Data Centers/VOIP Applications application. The units support hot standby configuration, making them suited for critical applications like banks.





Liebert GXT-MT+ 6 & 20 kVA

** Adjustable Battery Charging Current 2/4/6/8/10/12/14/16 Amps according to Battery Capacity Rating.*

Liebert GXT MT+
6 kVA - 20 kVA 1x1 / 3x1 UPS System

VERTIV.

MODEL	GXT MTX+ 06 kVA	GXT MT+ 06 kVA	GXT MT+ 10 kVA	GMT MT+ 10KVA	GMT MT+ 20KVA
PHASE	1 phase in / 1 phase out			3 phase in / 1 phase out	
CAPACITY	6000 VA/4800 Watt	6000 VA/4800 Watt	10000 VA/8000	10000 VA / 9000 W	20000 VA / 18000 W
INPUT Characteristics					
Nominal Voltage	230 Vac (1 Ph+ N)			3 x 400 VAC (3Ph+N)	
Voltage Range	160 Vac-300 Vac (1-phase) @ 100% load			305-478 VAC (3-phase) @ 100% load	
Frequency Range	46~54 Hz or 56~64Hz				
Power Factor	≥ 0.99 @ 100% load				
THDi	< 6% @ 100% load				
OUTPUT Characteristics					
Output Voltage	208 **/220/230/240VAC				
AC Voltage Regulation (Batt. Mode)	± 1%				
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz				
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz				
Current Crest Ratio	3:1 (max.)				
Harmonic Distortion	</=3% THD(Linear load), </=7% THD(Non linear load)	≤ 2 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	zero			
	Inverter to Bypass	zero			
Waveform (Batt. Mode)	Pure Sinewave				
AC Mode Effiiciency	>84%	91%		>92%	>92%
ECO Mode Efficiency	97%				
BATTERY Characteristics					
Battery Type	SMF			SMF or Tubular	
Numbers	16-20***(adjustable)			18-20****(adjustable)	
Charging Current (max.)	6 Amps settable to 1/2/3/4/5/6 Amps			12A settable to 2/4/6/8/10/12 Amps	
Charging Voltage	273 VDC ± 1% (Based on 20pcs bateries)				
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					
Dimension, D X W X H (mm)	369 X 190 X 630	369 x 190 x 318	442 x 190 x 318	592 X 250 X 576	592 x 250 x 826
Net Weight (kgs)	72	21	23	28	45
ENVIRONMENT					
Operation Humidity	0-95 % RH @ 0- 40°C (non-condensing)				
Noise Level	< 65 dB @ 1 meter	< 55 dB @ 1 meter		< 58dB @ 1 Meter	< 60dB @ 1 Meter
MANAGEMENT					
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and MAC				
Optional SNMP	Power management from SNMP manager and web browser				

* Product specifications are subject to change without further notice
**Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC
** *When using batteries from 16-19, the unit will be de-rate according to formula ; P= Prating X N/20
*** *When using batteries from 18-19, the unit will be de-rate according to formula ; P= Prating X N/20