Technical Specifications

MODEL	GXT MT+ 10kVA LX (3 X 3)
Rating	10kVA/9kw (3in-3out)
System parameter	
Technology	IGBT based Double conversion PWM based online UPS
Parallel mode	3 UPS
Installation mode	Tower
Input	
Rated voltage	400VAC 3-phase, 4-wire
Volatge Range	Three phase 305VAC -520VAC
Rated Frequency	50Hz/60Hz
Input THDi	<5%[1]
Frequency Range	46Hz to 54Hz, 56Hz to 64Hz
Power factor	0.99
Output	
Rated power	10kVA/9kw
Voltage	Three Phase 400VAC,50Hz
Frequency synchronization range	Rated frequency±4Hz. Configurable range: ±0.5Hz ~ ±5Hz
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	60ms
Inverter Overload Capability on utility mode	100% to 110%-10min,110-130%-1min,>130%-1 sec
Inverter Overload Capability on battery mode	100% to 110%-30sec,110-130%-10sec,>130%-1 sec
Bypass	
Seprate 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	12A
Transfer time	
Mains - Battery	4ms
Inverter-Bypass	Synchronous transfer: ≤0ms, Asynchronous transfer (default): ≤20ms
Noise	<60db
Panel display mode	
Display type	LCD display
Environmental parameter	
Operating temperature	0°C to 40°C
Storage temperature	-15 to 65°(excluding battery), -0 to 35° (including battery)
Relative humidity	5% RH ~ 95% RH, non-condensing
Altitude	1000m
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 RS232/USB	Supports Windows 2000/2003/XP/Vista/2008, 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 further notice.
Note : (1) THDi on Y phase is 12% due to charger (2) When using battery from 18 to 20nos, the unit will de-rate according to formula P= Rating x N/20