

Online UPS 3 Phase Out

GTRT Series

5/10/15/20/30/40/60kVA

3:3 Phase

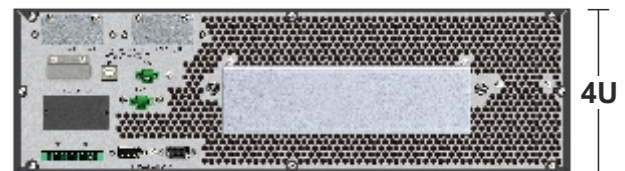


Features

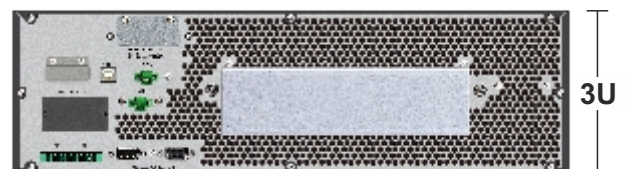
- True double-conversion
- LCD for comprehensive UPS information
- DSP technology guarantees high performance
- Output power factor unity (1.0, KVA = KW)
- Active power factor correction at input
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency power off function (EPO)
- Generator compatible
- Supports dual AC inputs
- 3-stage extendable charging design for optimized battery performance
- Adjustable battery numbers, (32-40x12V battery)
- Parallel operation with common battery
- Optional isolation transformer compatible



Large LCD Panel



30k - 60kVA



5k - 20kVA

▶ Technical Specifications of GTRT Series 5~60kVA

MODEL	GTRT3305L20	GTRT3310L20	GTRT3315L32	GTRT3320L32	GTRT3330L32	GTRT3340L32	GTRT3360L32	
PHASE	3-phase in / 3-phase out							
CAPACITY	5kVA/5kW	10kVA/10kW	15kVA/15kW	20kVA/20kW	30kVA/30kW	40kVA/40kW	60kVA/60kW	
PARALLEL CAPABILITY	4							
INPUT								
Nominal Voltage	3 x 400 VAC (3Ph+N)							
Voltage Range	190-520 VAC (3-phase) @ 50% load, 305-478 VAC (3-phase) @ 100% load							
Frequency	46-54 Hz or 56-64Hz							
Power Factor	0.99 @ 100% load							
OUTPUT								
Output Voltage	3*380/400/415 VAC (360V, Output Power 90% of KVA)							
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	2 % THD (Linear Load) ; 5 % THD (Non-linear Load)							
Transfer Time	AC mode to Battery mode	Zero						
	Inverter to Bypass	Zero						
Waveform (Batt. Mode)	Pure Sinewave							
Overload	110% for 60 min, 125% for 10 min, ~150% for 1 min; >150% 200 msec							
EFFICIENCY								
AC Mode	96%							
ECO Mode	98.9%							
Battery Mode	95%							
BATTERY								
Battery Type	VRLA/SMF (Lithium Battery Compatible)							
Battery Numbers	20 pcs	32~40 pcs (Adjustable)						
Charging Current (max.)	1A~12A(Adjustable)				1A~16A(Adjustable)	1A~18A(Adjustable)		
Charging Voltage	+/- 13.65 VDC x N		+/- 13.65 VDC x N					
PHYSICAL								
Dimension, D x W x H (mm)	680 x 438 x 133 (3U)			797 x 438 x 176 (4U)				
Net Weight (Kgs)	26	28	40	45				
ENVIRONMENT								
Operating Temperature	0-40°C							
Operating Humidity	< 95 % and non-condensing							
Noise Level	Less than 62dBA @ 1 Meter				Less than 70dB @ 1 Meter			
STANDARDS								
Quality	ISO 9000, ISO 14001, OHSAS 18001, ISO 27001, RoHS							
Safety	IEC/EN62040-1							
EMC / Performance	IEC/EN62040-2; IEC/EN62040-3, Complying to CE							
COMMUNICATION INTERFACE								
Standard	Smart RS-232 / USB							
Optional	SNMP / ModBus / Dry Contact / RS-485							
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000							

*Specifications are subject to change without prior notice.

