

Online UPS 3 Phase Out

GTRT Series

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

3:3 Phase



Applications:

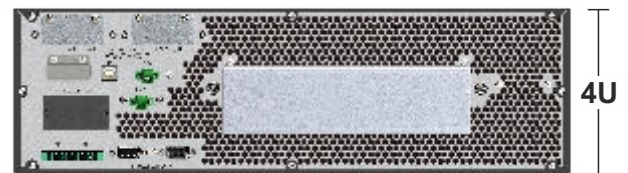
For all kind of ADP Machines



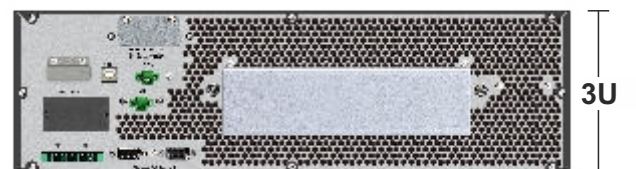
- True double-conversion topology
- LCD display for comprehensive UPS information
- DSP technology guarantees high performance
- Output power factor unity (1.0, kVA = kW)
- Active power factor correction at input
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency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



Large LCD Display Panel



30kVA - 60kVA



5kVA - 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		≤1%						
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		96.0%						
ECO Mode		98.9%						
Battery Mode		95.0%						
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		0-50°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						

* Conditions apply.

** Specifications are subject to change without prior notice.

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