

Online UPS 3 Phase Out

GTRT Series

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

3:3 Phase



Applications:

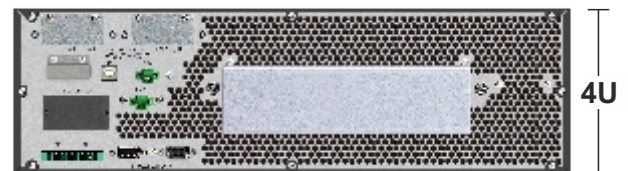
For all kind of ADP Machines



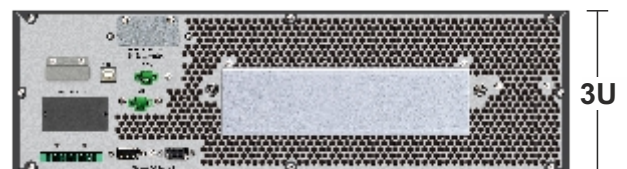
- True double-conversion topology
- LCD display for comprehensive UPS information
- DSP technology guarantees high performance
- Output power factor unity (1.0, kVA = kW)
- Active power factor correction at input
- 50Hz/60Hz frequency converter mode
- ECO mode operation for energy saving (ECO)
- Emergency 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 commom 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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