

Online UPS 3 Phase Out

GT Series

5/10/20/30/40KVA

3:3 Phase

TECHNOLOGY
IGBT²
SAVE ENERGY



Features:

- True On-Line, Double-Conversion
- DSP Technology Guarantees High Performance
- Wide Input Voltage Range 277~480V AC 3Ph
- IGBT based Rectifier and Inverter
- Input Power Factor 0.99
- Output Power Factor 0.9
- Active Power Factor Correction
- 50Hz/60Hz Frequency Converter Mode
- ECO Mode Operation for Energy Saving (ECO)
- Emergency Power Off Function (EPO)
- Generator Compatible
- 3-Stage Extendable Charging Design for Optimized Battery Performance
- Adjustable Battery Numbers for 30/40kVA UPS (32-40 Nos.)
- Maintenance Bypass Available
- Optional Parallel Operation
- Low Audible Noise
- Isolation Transformer Compatible



LCD Display Panel

▶ Technical Specifications of GT Series 5~40KVA

MODEL	GT3305L20	GT3310L20	GT3315L20	GT3320L20	GT3330L20	GT3330L32	GT3340L32
Capacity (kVA)	05	10	15	20	30		40
INPUT							
Nominal Voltage	380V / 400V / 415V AC (3Ph+N+PE)						
Voltage Range	+20%, -28%						
Frequency Range	50 / 60 Hz \pm 10% Auto Sensing						
Power Factor	0.99						
OUTPUT							
Voltage	380V / 400V / 415V AC (3Ph+N)						
Regulation	\pm 1%						
Frequency Range	Auto Sensing 50 / 60 Hz \pm 1~10% Sync Mode (Configurable), 50/60 Hz \pm 0.1 Hz Battery Mode						
Current Crest Ratio	3:1						
Harmonic Distortion	2 % THD (Linear Load); 4 % THD (Non-linear Load)						
Transfer Time	Zero						
Power Factor	0.9						
Waveform	Pure Sine Wave						
Efficiency	Up to 95% Dual Conversion Mode, 99% ECO Mode						
BATTERY							
Numbers	20 Nos.					32 ~ 40 Nos. (Adjustable)	
Charging Amp. (Max.)	1A/2A/3A/4A (Adjustable) Option for Parallel up to 3 charger boards, 12A max.						
Charging Voltage	273V DC \pm 1%					\pm 13.65V*N (N-1=16~20)	
SYSTEM FEATURES							
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge time, Fault conditions, and Fault Codes						
Alarm / Protection	Battery Low, Short Circuit, Overload Temperature and Fault Codes						
PHYSICAL							
Dimension WxDxH (mm)	250x592x826				250x815x826	815x300x1000	
Net Weight (Kgs)	30	38	40	45	61	60	64
ENVIRONMENT							
Temperature	Operating: 0~45°C, Storage: -10°C ~ 55°C						
Humidity / Altitude	0~95% RH Non-condensing / <1500 M						
Noise	Low Audible Noise Level						
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	RS-232						
Optional	SNMP / ModBus / Dry Contact / USB / RS-485						
Monitoring Software	NetAgent Utility v5.8 / View Power / UPSilon 2000 / Muser 4000						

*Specifications are subject to change without prior notice.

