

GT Series

10 ~ 40kVA

3:3 Phase



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 / 1.0 (Unity)
- 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 10~40kVA

MODEL	GT3310L20	GT3315L20	GT3320L20	GT3330L20	GT3330L32	GT3340L32
Capacity (kVA)	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 / 1.0 (Unity)					
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)	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 9001, ISO 14001, ISO 45001, ISO 27001, ISO 50001, 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.

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