

GT Tower Series

800~1200kVA Tower UPS



Power range

800~1200kVA

Operation

3P/3P, Online double conversion

Applications

Government, Finance, IT, Education, Transportation, Broadcasting, Medical, Energy, etc.

Characteristics

- DSP full digital control, with fully digital control over all power conversion stages including rectification, inversion, charging, and discharging.
- Comprehensive protection at the system, board, and component levels for ultimate reliability and enhanced environmental adaptability.
- Large 10-inch LCD touch screen with color graphics, offering convenient operation and a user-friendly interface.
- Intelligent system self-diagnosis, comprehensive fault logging, and large-capacity historical data storage.
- Supports a maximum capacity of 3.2MW, making it the ideal choice for uninterrupted power supply in large-scale data centers.

Model	GT800	GT1000	GT1200
Rate Power	800kVA/800kW	1000kVA/1000kW	1200kVA/1200kW
Main input	Input 3P5W (3P+N+PE)		
	Rate Voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)		
	Rate Freq. 50/60Hz		
	Input PF >0.99		
	Current distortion THDi<3% (100% Linear load)		
	Voltage range 304 ~ 478VAC(L-L)full load ; 304 ~ 228VAC (L-L) power derate from 100% to 75%		
Battery	Rate voltage ±240VDC 30-50 batteries(Settable)		
	Charging capacity Max. 15%*Pout		
Bypass	Rate voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)		
	Voltage range Range: -40%- +25% , Settable, default -20% ~ +15%;		
	Overload 110%, long time operation; 110%< load<125%, 5 mins; 125%<load<150%,1 min; >150%,1 second		
Inverter	Rate voltage 380/400/415VAC(L-L); 220/230/240VAC(L-N)		
	Rate Freq. 50/60Hz		
	Output PF 1		
	Voltage accuracy ±1.0%		
	Load response <5% (20% - 80% -20% step load)		
	Recovery time < 20ms (0% - 100% -0% step load)		
	Output THDu <1% (linear load) ,<5% (non-linear load according to IEC 62040-3)		
	Overload 110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms		
	Frequency accuracy 0.1%		
	Synchronize window Settable, ±0.5Hz-±5Hz, 50/60Hz ±3Hz		
	Slew rate Settable, 0.5Hz/S-3Hz/S, default 2Hz/S		
	Crest factor 3:1		
	Phase Accuracy 120°±0.5°		
	System	Efficiency ≥97%	
Display LED + 10 inch touch LCD			
Certification- Safety IEC62040-1, IEC60950-1			
Certification- EMS IEC62040-2, IEC61000-4-2(ESD), IEC61000-4-3(RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge)			
IP degree IP20			
Configuration USB, RS232, RS485, Dry contact, Cold start, Air filter			
Option SNMP card, AS400 card, Parallel kit, SPD, APP/WiFi/Bluetooth			
Environment 0-40℃ (operation); -25℃~70℃ (storage); 0-95% (Humidity, non-condensing)			
Noise(dB)(1 meter) 72dB @ 100% load, 69dB @ 45% load			
Dimension (W*D*H)mm		800*1000*2000	1200*1100*2000

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