

GT Tower Series

300~600kVA 3 phase Tower UPS



Power range

300~600kVA



Operation

3P/3P, Online double conversion



Applications

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



Characteristics

- 3P/3P pure online double transformation products, support 380 / 400 / 415V, 50 / 60Hz power grid system, to provide the ideal power supply quality and load protection.
- High performance and efficiency, input PF>0.99, THDi<3%, efficiency >96%.
- Full DSP control, flexible and robust digital control for rectifier, inverter and battery management.
- Wide range of voltage and frequency, adapt to different grid and generator input.
- Intelligent system self-diagnosis scheme, rich fault recording, large capacity of history record storage space.
- Redundancy fan design in power module, increasing the system reliability and tolerance.
- Top/bottom cable entry, flexible for different field installation.

Model		GT300	GT400	GT500	GT600
Rate Power		300kVA	400kVA	500kVA	600kVA
Main input	Input	3P5W (3P+N+PE)			
	Rate Voltage	380/400/415VAC(L-L)			
	Frequency Range	40-70Hz			
	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 50%			
Battery	Rate voltage	±240VDC 30-50 batteries(Settable)			
	Charging capacity	20%*Pout			
	Charging accuracy	±1%			
Bypass	Rate voltage	380/400/415VAC(L-L))			
	Voltage range	Range: -40%~ +25%, Settable, default -20% ~ +15%			
	Frequency Range	Settable(±1Hz, ±3Hz, ±5Hz)			
Inverter	Rate voltage	380/400/415VAC(L-L)			
	Rate Freq.	50/60Hz			
	Output PF	1			
	Voltage accuracy	±1.0%			
	Synchronize window	Settable, ±0.5Hz-±5Hz, 50/60Hz ±3Hz			
	Frequency accuracy	0.1%			
	Phase Accuracy	120°±0.5°			
	Voltage unbalance	±3% (with 100% unbalanced load)			
	Slew rate	Settable, 0.1Hz/S-5Hz/S, default 2Hz/S			
	Overload capacity	110%,1 hour; 125%,10 mins; 150%,1 min; >150%,200ms			
System	Efficiency	≥96%			
	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); 0-95% (Humidity, non-condensing)			
	Noise(dB)(1 meter)	72dB @ 100% load, 69dB @ 45% load			
Dimension (W*D*H)mm		600*750*2000	600*1000*2000	1200*850*2000	
Weight(kg)		350	500	680	726

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