

# 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 $\pm 240$ VDC		30-50 batteries(Settable)
Charging capacity 20%*Pout				
Charging accuracy $\pm 1\%$				
Bypass	Rate voltage 380/400/415VAC(L-L)			
	Voltage range Range: -40%~ +25%, Settable, default -20% ~ +15%			
	Frequency Range Settable( $\pm 1$ Hz, $\pm 3$ Hz, $\pm 5$ Hz)			
Inverter	Rate voltage 380/400/415VAC(L-L)			
	Rate Freq. 50/60Hz			
	Output PF 1			
	Voltage accuracy $\pm 1.0\%$			
	Synchronize window Settable, $\pm 0.5$ Hz- $\pm 5$ Hz, 50/60Hz $\pm 3$ Hz			
	Frequency accuracy 0.1%			
	Phase Accuracy $120^\circ \pm 0.5^\circ$			
	Voltage unbalance $\pm 3\%$ (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 $\geq 96\%$			
	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°C (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

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