

GT Rack Series

10~60kVA 3 phases Rack UPS



Power range

10~60kVA

Operation

3P/3P,3P/1P,1P/1P,Online double conversion

Applications

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

Characteristics

- Mounted in 19 inch rack, or install as tower UPS.
- 7 inch touch LCD with IoT functions.
- Flexible configuration as 3/3,3/1,1/1.
- High power density, small volume, 60kW in 4U.
- High reliability and environment adaptability.



Model	GT010RL	GT015RL	GT020RL	GT030RL	GT040RL	GT060RL
Rate Power	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
Main input	Input 3P5W (3P+N+PE)					
	Rate Voltage 380/400/415VAC(L-L)					
	Rate Freq. 50/60Hz					
	Input PF >0.99					
	Current distortion THDi<3%					
	Voltage range 304~478VAC(L-L)full load; 304~228VAC (L-L) power derate from 100% to 50%					
	Freq. range 40-70Hz					
Battery	Rate voltage	±120VDC(default 20 PCS, 20-50 PCS, selceted)	±240VDC(default 40 PCS,30-50 PCS, selceted)			
	Charging capacity	Max. 50%*Pout			Max. 20%*Pout	
	Charging accuracy	±1%				
Bypass	Rate voltage 380/400/415VAC(L-L)					
	Voltage range Range: -40%~ +25%, Settable, default -20%~ +15%					
	Frequency range 50/60Hz, Settable; ±1Hz , ±3Hz , ±5Hz					
Inverter	Rate voltage 380/400/415VAC(L-L)					
	Rate Freq. 50/60Hz					
	Output PF 1					
	Voltage accuracy ±1.0%					
	Output THDu <1% (linearload),<5% (non-linearload 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, ±default +3Hz					
	Slew rate Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S					
	Crest factor 3:1					
	Phase Accuracy 120°±0.5°					
	System	Efficiency ≥96%				
Display LED + 7 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						
Option SNMP card, Parallel kit, APP/WiFi/Bluetooth						
Environment 0-40℃(operation);-40℃~70℃(storage); 0-95% (Humidity, non-condensing)						
Dimension (W*D*H) mm	Cabinet	440*620*130(3U)			440*732*175(4U)	
	Max.	440*775*130 (3U)			440*799*175 (4U)	
Weight(kg)	21.4	22.4	22.7	38	60	

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