

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	Cabient	440*620*130(3U)				440*732*175(4U)	
	Max.	440*775*130 (3U)				440*799*175 (4U)	

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