

GT33 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, 30kW in 3U.
- High reliability and environment adaptability.



Model		GT33010RL	GT33015RL	GT33020RL	GT33030RL	GT33040RL	GT33060RL
Rate Power		10kVA	15kVA	20kVA	30kVA	40kVA	60kVA
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%					
	Freq. range	40-70Hz					
Battery	Rate voltage	±240VDC					
	Charging capacity	20%*Pout					
	Charging accuracy	±1%					
Bypass	Rate voltage	380/400/415VAC(L-L)220/230/240VAC(L-N)					
	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); 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, default ±3Hz					
	Slew rate	Settable, 0.5Hz/S-3Hz/S, default 0.5Hz/S					
	Crest factor	3:1					
	Phase Accuracy	120°±0.5°					
	Efficiency	Normal Mode≥96%; Battery Mode≥95.5%					
System	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, AS400 card, Parallel kit, LBS, Air filter, Cold start					
	Environment	0-40℃ (operation) ; -25℃~70℃ (storage) ; 0-95% (Humidity, non-condensing)					
Dimension (W*D*H) mm		444*773*130 (3U)				440*788*175 (4U)	444*910*223(5U)

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