

GTM-36-LV Series

36~360kVA Modular UPS(208V)



Power range

36~360kVA



Operation

3P/3P,Online double conversion



Applications

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



Characteristics

- Fully digital control, flexible and robust.
- 7 & 10 inch touch LCD, with IoT functions.
- High reliability and environment adaptability, with protection of components level.
- Intelligent system self-diagnosis, rich fault recording, large capacity of history record storage space.
- Support 200 / 208 / 220V, 50 / 60Hz power grid system, to provide the ideal power supply quality and load protection.



Model	GTM144/36-LV	GTM216/36-LV	GTM360/36-LV
Rate Power	144kVA/144kW	216kVA/216kW	360kVA/360kW
Main input	Input	3P5W (3P+N+PE)	
	Rate Voltage	200/208/220VAC(L-L)	
	Rate Freq.	50/60Hz	
	Input PF	>0.99	
	Current distortion	THDi<3%(100% Linear load)	
	Voltage range	166 ~ 261VAC(L-L)full load; 125 ~ 166VAC (L-L) power derate from 100% to 75%	
	Freq. range	40-70Hz	
Battery	Rate voltage	±120VDC	
	Charging capacity	20%*Pout	
	Charging accuracy	±1%	
Bypass	Rate voltage	200/208/220VAC(L-L)	
	Voltage range	Range: -40%- +25% , Settable, default -20% ~ +15%;	
	Overload	125%, long time operation 125%< load <130%, 10mins 130%<load <150%,1min >150%,300ms	110%, long time operation 110%< load<125%, 5 mins 125%<load<150%,1 min >150%,1 second
Inverter	Rate voltage	200/208/220VAC(L-L)	
	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°	
System	Efficiency	Normal Mode ≥93%;Battery Mode≥93%	
	Display	LED + 7 inch touch LCD	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、LBS	
	Environment	0-40℃(operation); -25℃~70℃(storage); 0-95% (Humidity, non-condensing)	
	Noise(dB)(1 meter)	72dB @ 100% load, 69dB @ 45% load	
Dimension	Cabinet(W*D*H)mm	600*1000*1600	600*1000*2000 1200*1100*2000
	Module(W*D*H)mm	442*659*174	

Statement: The products will continue to be innovative and optimized, which may lead to asynchronized updates of the actual product and promotional materials. Therefore, this document is for reference only and does not constitute any offer or commitment.