

GTM-20-LV Series

20~100kVA Modular UPS(208V)
Internal 7/9Ah modular battery strips



Power range

20~100kVA

Operation

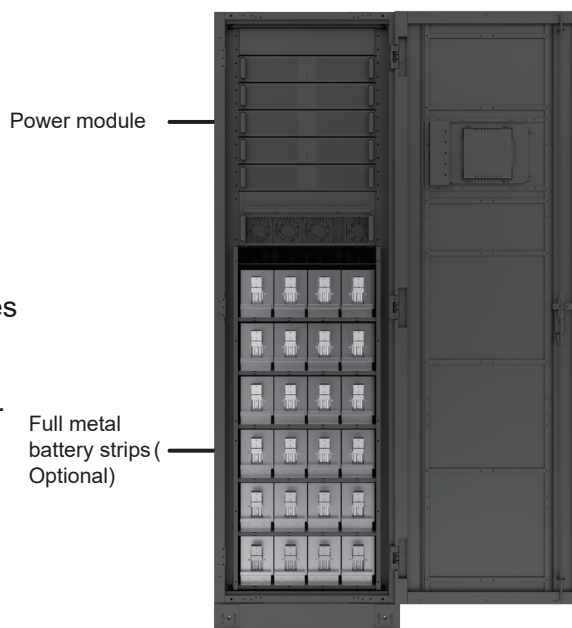
3P/3P, Online double conversion

Applications

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

Characteristics

- 10 inch touch LCD with IoT functions.
- High power density, small volume.
- High reliability and environmental adaptability.
- Optional full metal battery strips, with internal batteries capable of configuring up to 24 battery module strips.
- Standard configuration for mains input/output, maintenance bypass, battery breaker.



Model		GTM060B/20-LV-240	GTM100B/20-LV-240
Rate Power		60kVA	100kVA
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 50%	
	Freq. range	40-70Hz	
Battery	Rate voltage	±120VDC	
	Model	UPS with internal batteries, 12VDC/7~9Ah	
	Quantity	240PCS	
	Charging capacity	20%*Pout	
	Charging accuracy	±1%	
Bypass	Rate voltage	200/208/220VAC(L-L)	
	Voltage range	Range: -40%- +25% , Settable, default -20% ~+15%	
	Frequency range	50/60Hz, Settable: ±1Hz, ±3Hz, ±5Hz	
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 up to 94%; Battery Mode up to 94%	
	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, Air filter	
	Option	SNMP card, AS400 card, Parallel kit, LBS, Cold start	
	Environment	0-40 (operation); -25℃~70℃(storage) ; 0-95% (Humidity, non-condensing)	
Dimension	Cabinet (W*D*H) mm	600*1000*2000	
	Module(W*D*H) mm	440*678*86(2U)	
Weight(kg)	Cabinet(No include batteries)	260	280
	Module	23	
Power module rated capacity		20KW	

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