

GTMG Series

30~150kVA Regenerative Industrial Modular UPS



Power range

30~150kVA



Operation

3P/3P, Online double conversion



Characteristics

- 10 inch touch LCD with IoT functions.
- Innovative fully isolated air duct design.
- Supports 125% overload operation continuously.
- Protection rating IP42, suitable for industrial environments.
- Front access maintenance, supports wall-mount installation.
- Supports optional input/output isolation transformers, and allows 3-wire input (no neutral line).



Model		GTMG 150/30
Main input	Rate Power	150kVA
	Input	3P5W (3P+N+PE)
	Rate Voltage	380/400/415/440/480VAC(L-L)
	Rate Freq.	50/60Hz
	Input PF	>0.99
	Current distortion	THDi<2%(100% Linear Load)
	Voltage range	304~552VAC(L-L)full load; 304~171VAC (L-L) power derate from 100% to 50%
	Freq. range	40-70Hz
Battery	Rate voltage	±180~ ±300VDC; 30-50 batteries(Settable)
	Charging capacity	Max. 20%*Pout
Bypass	Rate voltage	380/400/415/440/480VAC(L-L)
	Voltage range	Range: -40%~+25%, Settable, default -20%~+15%
	Frequency range	50/60Hz
Inverter	Overload	125%, long time operation; 150%,30 mins; >150%, 1 second
	Rate voltage	380/400/415/440/480VAC(L-L)
	Rate Freq.	50/60Hz
	Output PF	1
	Voltage accuracy	±1.0%
	Output THDu	<1% (linear load) , <5% (non-linear load)
	Overload	110%, long time operation; 125%, 30 mins; 150%, 10 mins; >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	Up to 96%
	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)
	Configuration	USB, RS232, RS485, Dry contact, Air filter,Cold start,SPD
	Option	SNMP card, AS400 card, Parallel kit, APP/WIFI/Blue tooth
	Environment	-20~50°C (operation); -25°C~70°C (storage); 0-95% (Humidity, non-condensing)
	IP degree	IP42
	Noise(dB,1 meter)	60dB @100% load, 55dB@45%load
Dimension	Cabinet (W*D*H) mm	600*900*2200
	Module(W*D*H) mm	440*475*140
Weight(kg)	Cabinet	340
	Module	30

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.