

GTM-25/30 Series

25~300kVA Modular UPS



Power range

25~300kVA



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 stand alone.
- 7 inch touch LCD, with IoT functions.
- High reliability and environment adaptability, with protection of components level.
- Extreme high power density, 30kW in 2U, friendly for space and maintenance.
- Option of 30A charger module for long backup applications.



Model		GTM50/25	GTM100/25	GTM120/30	GTM150/25	GTM150/30	GTM180/30	GTM300/30
Rate Power		50kVA/50kW	100kVA/100kW	120kVA/120kW	150kVA/150kW	150kVA/150kW	180kVA/180kW	300kVA/300kW
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(default 40 PCS,30-50 PCS, selceted)						
	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%;						
	Overload	110%, long time operation; 110%< load<125%, 10 mins; 125%<load<150%,1 min						
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						
	Phase Accuracy	120°±0.5°						
System	Efficiency	Normal Mode≥95.5%; Battery Mode≥95.5%						
	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, Cold start						
	Option	SNMP card, AS400 card, Parallel kit, LBS, Air filter, Bottom entry kit						
	Environment	0-40℃(operation); -25℃~70℃(storage); 0-95% (Humidity, non-condensing)						
	Noise(dB)(1 meter)	65dB @ 100% load, 62dB @ 45% load						
Weight(kg) Module		13.95						
Cabinet		2-Slots		4-Slots		6-Slots		
		GTM050/25		GTM100/25;GTM120/30		GTM150/25;GTM150/30(5+1)		
Dimention (W*D*H)mm	Body dimention (Wheels not included)	442*711*307(7U)		442*661*705(16U)		442*661*906(20U)		
	MAX dimention	442*751*397		442*841*797		442*841*976		
Weight(kg) Cabinet		39		64		88		