

GTM-10/20/25/30-Li Series

10~150kVA Modular UPS



Power Range

10~150kVA



Operation

3P/3P,3P/1P,1P/1P,Online double conversion



Application

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



Characteristics

- 7 inch touch LCD, with IoT functions.
- Supports battery connection without Neutral.
- High reliability and environmental adaptability, with protection of components level.
- No disassembly, direct mounted in 19 inch rack, or stand alone.
- Extreme high power density,30kW in 2U, friendly for space and maintenance.
- Supports supercharging, satisfy high-capacity lithium batteries.



Model		M10E-Li			M20E-Li			M25E-Li			M30E-Li	
		GT020/10E	GT040/10E	GT060/10E	GT040/20E	GT080/20E	GT120/20E	GT050/25E	GT100/25E	GT150/25E	GT120/30E	GT150/30E (5+1)
Rate Power		20kVA	40kVA	60kVA	40kVA	80kVA	120kVA	50kVA	100kVA	150kVA	120kVA	150kVA
Main input	Input	3P5W (3P+N+PE)										
	Rate Voltage	380/400/415VAC(L-L)										
	Rate Freq.	50/60Hz										
	Input PF	>0.99										
	Current distortion	THDi<2%(100% Linear load)										
	Voltage range	M10-25E: 304~478VAC(L-L)full load; 304~228VAC (L-L) power derate from 100% to 50%										
		M30E: 324~478VAC(L-L)full load; 324~228VAC (L-L) power derate from 100% to 50%										
Freq. range		40-70Hz										
Battery	Rate voltage	2 wires:256-512 VDC			2 wires: default 512VDC							
	Charging capacity	50%*Pout (Limited by input current)										
	Charging accuracy	±1%										
Bypass	Rate voltage	380/400/415VAC(L-L)										
	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)										
	Rate Freq.	50/60Hz										
	Output PF	1										
	Voltage accuracy	±1.0%										
	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	Max 96.0%			Max 96.6%							
	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, Air filter, Ethernet port										
	Option	SNMP card, AS400 card, SPD, Parallel 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		12.65			13.85			13.95			13.95	
Cabinet		2-Slots			4-Slots(10kVA power module)			4-Slots			6-Slots	
		GT020/10E;GT040/20E; GT050/25E			GT040/10E			GT080/20E;GT100/25E; GT120/30E			GT060/10E;GT120/20E; GT150/25E;GT150/30E(5+1)	
Dimension (W*D*H)mm	Body dimention (Wheels not included)	442*711*307(7U)			442*710*485(11U)			442*661*705(16U)			442*661*906(20U)	
	MAX dimention	442*751*397			442*751*575			442*841*797			442*841*976	
Weight(kg) Cabinet		39			52			64			88	

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