GT-10FM Series
10~60kVA Modular UPS
With Full Switchgear

Power range

10~60kVA

Operation

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

Applications

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

Characteristics

- Standard cabinet mounting, supports rack-mount and tower installation.

- Built-in main switch / bypass switch / maintenance switch / output switch.

- 7-inch LCD touchscreen with color graphics for easy operation and user-friendly interface.

- Device-level extreme protection, safe and reliable, with strong environmental adaptabilit.

- Supports battery without neutral configuration (optional) for more versatile applications.

Model	GT020/10-4S	GT060/10-4S
Rate Power	20kVA/20kW	60kVA/60kW

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	Battery three-wire: ±240VDC (adjustable for 20–50 cells) Optional battery two-wire: 480VDC (adjustable for 20–50 cells)
	Charging power	Up to 50% of active power
Bypass	Rate voltage	380/400/415VAC(L-L); 220/230/240VAC(L-N)
	Voltage range	Default: -20%～+15%; Upper limit options: +10%, +15%, +20%, +25%;Lower limit options: -10%, -15%, -20%, -30%, -40%
	Overload Capacity	⅓10%,continuous operation;125%,10 mins;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%
	Output THDu	<1% (linear load), <5% (non-linear load)
	Inverter overload	100–110% load: bypass after 1h; 110–125% load: bypass after 10min 125–150% load: bypass after 1min;150% load: bypass after 200ms
	Frequency accuracy	0.1%
	Tracking range	Settable, ±0.5 Hz–±5 Hz, default ±3 Hz
	Tracking rate	Settable, 0.5Hz/s–3Hz/s, default 0.5 Hz/s
	Three-phase phase accuracy	120° ±0.5°
System	Efficiency	96.5%
	Display	LCD + LED + Color Touchscreen 7-inch
	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, APP/WiFi/Bluetooth
	Environment	0-40℃(operation);-25℃~70℃(storage);0-95% (Humidity, non-condensing)
	Noise (dB) (at 1m)	65dB @ 100% load, 62dB @ 45% load
Dimensions W×D×H (mm)	Cabinet body	442*710*396(9U)	442*661*1239(28U)
	Cabinet	442*751*486	442*841*1331
	Power module	400*495*86(2U)	