

3G3B 10-600K

--- Main Feature

- Intelligent DSP control technology
- Standard 7 inches touchable LCD
- Intelligent charger management
- ECO mode with high efficiency
- RS232/RS485/USB communication port
- Three phase UPS allow 100% unbalanced load
- EPO/Dry contact function
- N+X redundancy parallel system

--- Application

- Data center
- Commercial facility
- Telecom system
- Medical/Bank system
- Precision instrument

Specification

Model	3G3G 10K	3G3B 15K	3G3B 20K	3G3B 30K	3G3B 40K	3G3B 60K	3G3B 80K	3G3B 100K	3G3B 120K	3G3B 160K	3G3B 200K	3G3B 250K	3G3B 300K	3G3B 400K	3G3B 500K	3G3B 600K
Capacity	10kVA	15kVA	20kVA	30kVA	40kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA	250kVA	300kVA	400kVA	500kVA	600kVA
Input features																
Voltage range (Vac)	380Vac ±25%															
Frequency range	40-70(Automatically select synchronization range according to grid frequency)															
Bypass range	±20%															
Battery voltage	384VDC														480VDC	
Battery quantity	29-32pcs can be adjustable														38-42pcs can be adjustable	
Output features																
Output phase	3Φ+N+PE															
Output voltage	380/400/415 Vac															
Output voltage regulated accuracy	±1%															
Output frequency accuracy	AC mode: tracking bypass input in synchronous state; Battery mode:50Hz/60Hz±0.1%															
Output PF	0.8/0.9															
Waveform	<3%(Linear load) ;<5% (Non-line load)															
Peak factor	3:1															
Overload	When the load is less than or equal to 125%, it can turn to the bypass output after 10 minutes; when the load is more than 150%, it can turn to the bypass output after 1 minutes;															
Others																
System efficiency	AC mode ≥92%, ECO mode ≥98%															
Transfer time	0 ms															
Protection	Output short circuit protection, output overload protection, over temperature protection, battery low-voltage protection, output over under-voltage protection, fan fault protection, etc															
Communication port	Standard RS232, RS485, Dry contact, USB For optional SNMP															
Display	7 inches touchable screen															
Working temperature	0~55															
Storage temperature	-15 ~60 (Not including battery)															
Humidity	0%-95% (No condensing)															
IP level	IP21										IP20					
Noise(dB)	<65dB (Within 1 meter)															
Size(D×W×H) (mm)	560*370*900			693*430*1160		815*430*1160		739*805*1405		865*1285*1600		865* 1430* 1600	865* 1430* 1800	1000* 1530* 1800	1200*2600*2000	
Weight(KG)	108	130	146	193	240	300	330	580	680	1080	1180	1280	1380	1680	2100	2350

Note :

1. Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.

3G3BX 100K-600K

--- Main Feature

- IGBT inverter and output isolation transformer
- Manual maintenance bypass switch
- Wide input voltage range
- RS232/RS485/dry contact communication port
- SNMP adapter (optional)
- Fully DSP control and high reliability and performance
- Phase UPS allow 100% unbalanced load
- EPO function(optional)
- Inches touchable LCD screen

--- Application

- Data center
- Industrial equipment
- Commercial facility
- Telecom system
- Medical/bank system
- Precision instrument

Specification

Model	3G3BX100K	3G3BX120K	3G3BX160K	3G3BX200K	3G3BX250K	3G3BX300K	3G3BX400K	3G3BX500K	3G3BX600K
Capacity	100kVA	120kVA	160kVA	200kVA	250kVA	300kVA	400kVA	500kVA	600kVA
Input features									
Pulse rectifier	6/12 pulse							12 pulse	
Voltage range (Vac)	380/400/415Vac±15% (±25%)								
Frequency range (HZ)	40—70Hz Automatically select synchronization range according to grid frequency								
Phase	3φ4W+PE								
Battery voltage (Vdc)	384							480	
Battery quantity (Pcs)	30-33 can be adjusted							38-42 can be adjusted	
Output features									
Power factor	0.8/0.9								
Voltage(V)	L—N 220/230/240±1% L—L 380/400/415±1%								
Frequency(HZ)	Mains normal, track mains frequency 2Mains abnormal, 50±0.2%								
Transfer time (ms)	0								
Efficiency(AC mode @ full loads)	≥92%								
Parallel function	Yes(for optional)								
Waveform	Linear Load THD<3% 2Non-linear Load THD<5%								
Overload	125% load keep 10 min, 150% load keep 1min								
Peak Factor	>3:1								
Others									
Manual maintenance bypass	with no transfer time bypass maintenance switch								
Communication function	RS232 / RS485/dry contact								
SNMP (optional)	Can be network monitored by SNMP adapter								
Noise (dB)	<65(within 1 meter)								
Alarm	Battery low-voltage, mains abnormal, overload, UPS fault, over temperature protection								
Protection	Input over-voltage protection, battery under-voltage protection, overload protection, short circuit protection, over temperature protection								
Cooling way	Forced cooling								
Working Temperature (℃)	0~40								
Humidity	0~95%, No Condensing								
Size(D×W×H) (mm)	800×800×1600(6 pulse) 1100×800×1800(12 pulse)		800×1100×1800(6 pulse) 1113×1405×2005(12 pulse)			1113×1405 ×2005	1113×1605 ×2005	1200×2600×2000	
Weight(KG)	890	1080	1280	1380	1480	1680	2080	2350	2650

Note :

1、 Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.