

GB1-30kVA

--- Main Feature

- IGBT inverter and output isolation transformer
- Online double conversion
- Wide input voltage range
- RS232 communication port
- SNMP +USB+dry contact(optional)
- High reliability and performance
- External battery pack (optional)

--- Application

- Data center
- Industry
- Commercial facility
- Telecom system
- Precision instrument



Specification

Model	GB1KS/L	GB2KS/L	GB3KS/L	GB6KS/L	GB10KS/L	GB15K	GB20K	GB30K
Capacity	1kVA	2kVA	3kVA	6kVA	10kVA	15kVA	20kVA	30kVA
Input features								
Input voltage (Vac)	165~275							
Frequency(HZ)	45~66 Automatically select synchronization range according to grid frequency							
Phase	Single phase three wires							
Battery voltage (Vdc)	48	96	96/192	192				
Battery type	4*9Ah 12V/ External	8*9Ah 12V/ External	8/16*9Ah 12V/External	16*9Ah 12V/External		External		
Output features								
Power factor	0.8/0.9							
Voltage(V)	220/230/240±1%							
Frequency(HZ)	50/60±0.05% (battery mode)							
Transfer time (ms)	0							
Waveform	Sine Wave, THD<3%							
Overload capacity	110%~129% full load keep 10min ;130%~150% load keep 60s ;							
Others								
Crest factor	>3:1							
Backup time	Standard time is 5-8mins/ Long backup time can be extended freely							
Charge recovery time	<10hours							
Communication function	RS232(USB/dry contact are optional)							
SNMP (optional)	Can be network monitored by SNMP adapter							
Display	LED display work status and fault indicator LCD display single phase input voltage, input frequency, single phase output voltage, load, battery voltage etc							
Noise (dB)	<60(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							
Working temperature (℃)	0~40							
Humidity	0~95%, Non condensing							
Size(D×W×H) (mm)	590×230×717(S)/590×230×540(L)				596× 305× 1065/890		700×405×955	750*505*1170
Weight(KG)	65/50	99/60	107/52	115/60	160/116	127	195	260

Note :

- 1、"L" is long backup UPS, "S" is standard UPS ;
- 2、Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.

G3B 6-50kVA

--- Main Feature

- IGBT inverter and output isolation transformer
- Online double conversion
- Wide input voltage range
- RS232/RS485 communication port
- SNMP adapter/dry contact(optional)
- High reliability and performance
- External battery pack (optional)
- Maintenance switch

--- Application

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



Specification

Model	G3B6K	G3B10K	G3B15K	G3B20K	G3B30K	G3B40K	3B 50K
Capacity	6kVA	10kVA	15kVA	20kVA	30kVA	40kVA	50kVA
Input features							
Voltage(Vac)	380±25%						
Frequency(HZ)	45～66 Automatically select synchronization range according to grid frequency						
Phase	3φ4W+PE						
Battery voltage (Vdc)	192	192/384				384	
Output features							
Power factor	0.8/0.9						
Voltage(V)	220/230/240±1%, Isolation transformer output						
Frequency(HZ)	50/60±0.5%(Free oscillation)						
Transfer time (ms)	0						
Waveform	Sine Wave, THD<3%						
Overload	125% load keep 10min, 150% load keep 60s						
Crest factor	>3:1						
Others							
Output ways	Terminal Block						
Parallel function	Yes(for optional)				No		
Manual maintenance bypass	with no transfer time bypass maintenance switch						
Backup time	Battery supply life can be configured freely						
Battery management	Automatic timing/floating conversion, has battery self-testing function, automatic alarm and judge when battery abnormal						
Efficiency(AC mode @ full loads)	≥90%						
Communication function	RS232 / RS485 interface, support for power monitor software						
SNMP (optional)	Can be network monitored by SNMP adapter						
Noise (dB)	<60(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						
Working Temperature (℃)	0～40						
Humidity	0～95%, No Condensing						
Size(D×W×H) (mm)	590×230×717	596×305×1065	596×305×1065(192VDC) 740×560×1200(384VDC)	700×405×955(192VDC)/740×560×1200(384VDC)			1040×560×1410
Weight(KG)	80	160	180/200	220	300/280	340	520

Note :

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