

Giant G11 6KVA / 7.5KVA / 10KVA



G11-6K/7.5K/10K G11-6KL/7.5KL/10KL

- Galvanic isolation design to withstand all kinds of loads
- Output power factor 0.8
- Fully coating PCBAs to withstand harsh environment
- Unique ventilation design for effective heat dissipation
- Wide input voltage and frequency range to withstand robust environment
- High short-circuit and overload capabilities
- Built-in maintenance bypass switch

Giant G11 1-Phase in/1-Phase out Online UPS Selection Guide

MODEL		G11-6K(L)			G11-7.5K(L)		G11-10K(L)	
PHASE		Single phase with ground						
CAPACITY*		6KVA/4.8KW			7.5KVA/6KW		10KVA/8KW	
INPUT								
Nominal Voltage		208VAC/220VAC/230VAC						
Voltage Range		165VAC ~ 285VAC @ 16 pcs of batteries ; 185VAC ~ 285VAC @ 18 pcs of batteries						
Frequency		40 Hz ~ 55 Hz @ 50Hz system ; 56 Hz ~ 64 Hz @ 60Hz system						
OUTPUT								
Output Voltage		208VAC/220VAC/230VAC						
Voltage Regulation		± 1%						
Frequency Range (Synchronized Range)		45Hz ~ 55 Hz or 56 Hz ~ 64 Hz						
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz						
Current Crest Ratio		3:1						
Harmonic Distortion		≤ 3 % THD (Linear Load) ; ≤ 5 % THD (Non-linear Load)						
Transfer Time	AC to DC	Zero						
	Inverter to Bypass	Zero						
Waveform (Batt. Mode)		Pure Sinewave						
EFFICIENCY								
AC Mode		88.3%						
Battery Mode		92%						
BATTERY								
Standard Model	Battery Type	12V / 9Ah						
	Battery Numbers**	16 pcs						
	Recharging Time	6 hours recover to 90% capacity						
	Charging Current (max.)	2A						
	Charging Voltage	218.4 V ± 1%						
Long-run Model	Battery Type	Depending on the applications						
	Numbers	16 pcs	18 pcs	16 pcs	18 pcs	16 pcs	18 pcs	
	Charging Current (max.)	Default : 8 A; 2A/4A/8A(Adjustable)						
	Charging Voltage	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1%	245.7 V ± 1%	218.4 V ± 1%	245.7 V ± 1%	
INDICATORS								
LCD		UPS status, load level, battery level, input/output voltage and frequency, fault code/warning code						
ALARM								
Battery Mode		Sounding every 4 seconds						
Low Battery		Sounding every second						
Overload		Sounding twice every second						
Fault		Continuously sounding						
PHYSICAL								
Standard Model	Dimensions, DxWxH (mm)	592 x 300 x 826						
	Net Weight (Kgs)	106	114	122	130	130	138	
Long-run Model	Dimensions, DxWxH (mm)	592 x 250 x 826						
	Net Weight (Kgs)	62			78		86	
ENVIRONMENT								
Operating Temperature		0 ~ 50°C (battery life cycle will be shorten when temperature is above 25°C)						
Operating Humidity		< 95 % and non-condensing						
Noise Level		Less than 60dBA @ 1 Meter						
MANAGEMENT								
Smart RS-232/USB		Supports Windows® Family, Linux and MAC						
Dry Contact		Five signals: AC failure, low battery, UPS alarm, bypass and UPS fault						
Optional SNMP		Power management from SNMP manager and web browser						

* Derate capacity to 90% of capacity when the output voltage is adjusted to 208VAC.

**Battery number is set in factory and can't be changed by users.

Product specifications are subject to change without further notice.