

Giant Elite 3P/1P



- 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

S E R V I S E

Giant Elite 3-phase in/1-phase out Online UPS Selection Guide

MODEL		Giant Elite 31-6K(L)		Giant Elite 31-7.5K(L)		Giant Elite 31-10K(L)	
PHASE		3-phase in / 1-phase out					
CAPACITY*		6KVA/4.8KW		7.5KVA/6KW		10KVA/8KW	
INPUT							
Nominal Voltage		3 x 360VAC/380VAC/400VAC (3Ph + N + G)					
Voltage Range		286VAC ~ 493VAC @ 16 pcs of batteries ; 320VAC ~ 493VAC @ 18 pcs of batteries					
Frequency		40 Hz ~ 55 Hz @ 50Hz system ; 56 Hz ~ 64 Hz @ 60Hz system					
OUTPUT							
Output Voltage		208VAC/220VAC/230VAC (Selectable)					
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		83%					
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	592 x 360 x 826	592 x 300 x 826	592 x 360 x 826	592 x 300 x 826	592 x 360 x 826
	Net Weight (Kgs)	129	137	152	160	160	168
Long-run Model	Dimensions, DxWxH (mm)	592 x 300 x 826					
	Net Weight (Kgs)	84		107		115	
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 2000/2003/XP/Vista/2008/7/8/10, Linux, Unix, and MAC					
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.