

# Giant Elite1P/1P 6-10KVA



Giant Elite 6K/7.5K/10K      Giant Elite 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 Elite1-phase in/1-phase out Online UPS Selection Guide

MODEL		Giant Elite 6K(L)		Giant Elite 7.5K(L)		Giant Elite 10K(L)	
<b>PHASE</b>		Single phase with ground					
<b>CAPACITY*</b>		6KVA/4.8KW		7.5KVA/6KW		10KVA/8KW	
<b>INPUT</b>							
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					
<b>OUTPUT</b>							
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					
<b>EFFICIENCY</b>							
AC Mode		88.3%					
Battery Mode		92%					
<b>BATTERY</b>							
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%
<b>INDICATORS</b>							
LCD		UPS status, load level, battery level, input/output voltage and frequency, fault code/warning code					
<b>ALARM</b>							
Battery Mode		Sounding every 4 seconds					
Low Battery		Sounding every second					
Overload		Sounding twice every second					
Fault		Continuously sounding					
<b>PHYSICAL</b>							
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	
<b>ENVIRONMENT</b>							
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					
<b>MANAGEMENT</b>							
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.