

# Giant Elite 3P/3P



- DSP technology guarantees high reliability
- 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
- Adjustable battery numbers
- Reverse phase frequency operation and supports non-neutral input
- Supporting heavy duty equipment, half-wave type of load
- Parallel operation up to 4 units

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

MODEL	Giant Elite 3/3 10K	Giant Elite 3/3 15K	Giant Elite 3/3 20K	Giant Elite 3/3 30K	Giant Elite 3/3 40K
PHASE	3-phase in/3-phase out				
CAPACITY	10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW
<b>INPUT</b>					
Nominal Voltage	3 x 380VAC (3Ph + N)				
Acceptable Voltage Range	165VAC ~ 280VAC (Ph-N) ; 285VAC ~ 485VAC (Ph-Ph)				
Frequency	40 Hz ~ 70 Hz				
<b>OUTPUT</b>					
Nominal Voltage	3 x 380VAC (3Ph + N)				
Voltage Regulation	±1%				
Frequency Range (Synchronized Range)	50/60 Hz ± 1%				
Current Crest Ratio	3:1				
Harmonic Distortion (THDv)	< 2% (Linear Load) ; < 4% (Non-linear Load)				
Transfer Time	AC to DC	Zero			
	Inverter to bypass	Zero			
Waveform	Pure Sinewave				
<b>BYPASS</b>					
Connection Type	Hardwire 4-wire (3Ph+N)				
Input Voltage Range	165~225VAC (Ph-N) ; 235~285VAC (Ph-Ph)				
Overload Capability	0% ~ 150% continuous working 150% ~ 180% 60 min~5 min >180% 5 min				
<b>SYSTEM</b>					
Efficiency	Line Mode	89%	90%	91%	91%
	Battery Mode	90%	91%	92%	92%
ECO Mode (Non-parallel models)	Yes				
EPO Function	Yes				
<b>BATTERY &amp; CHARGER</b>					
Battery Type and Numbers	12V sealed lead-acid battery x 32 pcs ( 29 ~ 32 pcs adjustable)				
Nominal Battery Voltage	384 VDC (based on 32pcs batteries)				
Charging Voltage Range	290 ~ 435 VDC				
Charging Current	Default 10A, Maximum=Capacity (KW)/Battery voltage (real-time) *The maximum current is never higher than 40A.			Maximum 40A, 5A @ full load	
<b>PHYSICAL</b>					
IP Protection	IP20				
Dimensions, D x W x H (mm)	557 x 360 x 898			683 x 450 x 1100	683 x 450 x 1100
Net Weight (Kgs)	108	130	146	220	256
<b>ENVIRONMENT</b>					
Operating Temperature	0~ 55°C				
Operating Humidity	5~95% (non-condensing)				
<b>MANAGEMENT</b>					
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC				
Dry Contacts	Five signals: AC failure, low battery, UPS alarm, bypass and UPS fault				
Optional SNMP	Power management from SNMP manager and web browser				

Product specifications are subject to change without further notice.