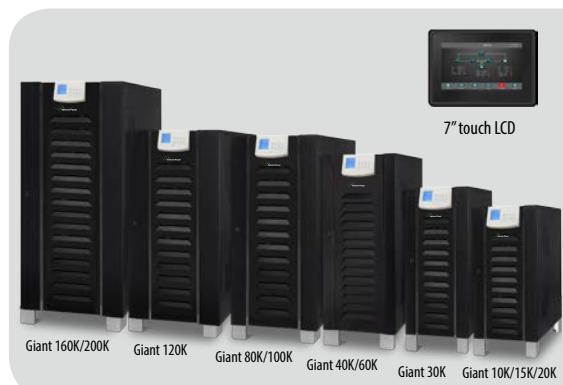


Giant 3P/3P



- Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- Control designed to withstand all kinds of loads
- Intelligent battery management to prolong battery lifecycle
- Independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input
- Parallel operation with up to 4 units (option)
- Varieties of communication options available
- Optional 7" touch LCD
- Reverse phase frequency operation and supports non-neutral input

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

MODEL	Giant 10K	Giant 15K	Giant 20K	Giant 30K	Giant 40K	Giant 60K	Giant 80K	Giant 100K	Giant 120K	Giant 160K	Giant 200K								
CAPACITY	10 KVA / 8 KW	15KVA / 12KW	20 KVA / 16 KW	30 KVA / 24 KW	40 KVA / 32 KW	60 KVA / 48 KW	80 KVA / 64 KW	100 KVA / 80 KW	120 KVA / 96KW	160 KVA / 128KW	200 KVA / 160KW								
INPUT																			
Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)																		
Acceptable Voltage Range	285VAC ~ 475VAC																		
Frequency	50/60 Hz ± 10 %																		
INVERTER																			
Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)																		
Precision	Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)																		
Frequency	50/60 Hz synchronised ± 1 % With mains absent ±0.1 Hz																		
Max. Synchronization Speed	±1 Hz/s																		
Waveform	Pure Sinewave																		
Total Harmonic Distortion (THDv)	<2% (Linear Load) ; <5% (Non-linear Load)																		
Phase Displacement	120° ±1% (balanced load) ; 120° ±2% (imbalances 50% of the load)																		
Dynamic Recovery Time	3 cycles at 90 % of the static value																		
Admissible Overload	110% for 10min; 150% for 60sec; >160% for 200ms																		
Admissible Crest Factor	3:1																		
Admissible Power Factor	0.6~1 (inductive or capacitive)																		
Imbalance Output Voltage @ 100% Unbalanced Load	<1%																		
Current Limit	High overload, short-circuit: RMS Voltage Limit High Crest-Factor current: Peak Voltage Limit																		
STATIC BYPASS																			
Type	Solid state																		
Voltage	3 x 380VAC/400VAC (3Ph + N)																		
Frequency	50/60 Hz																		
Activation Criterion	Microprocessor control																		
Transfer Time	Zero																		
Admissible Overload	150% for 1 hour; 180% for 30sec; >200% for 200ms																		
Transfer to Bypass	Immediate, for overloads above 160%																		
Retransfer	Automatic after alarm clear																		
MAINTENANCE BYPASS																			
Type	Without interruption																		
Voltage	3 x 400V (3Ph + N)																		
Frequency	50/60 Hz																		
Overall Line Mode	89%	90%	91%	92%															
Efficiency Battery Mode	90%	91%	92%	93%															
BATTERY & CHARGER																			
Battery Type and Numbers	12VDC x 32 pcs (29-32 pcs adjustable)																		
Nominal Battery Voltage	384 VDC (Based on 32pcs batteries)																		
Charging Method	CC/CV																		
Precision	±1%																		
Charging Current	Default 10A, *Maximum= Capacity(KW)/Battery (real-time).			Default 10A; Maximum 40A; 5A@ full load															
Charging Voltage	432 VDC (Based on 32pcs batteries)																		
PHYSICAL																			
Dimensions, D x W x H (mm)	656	405	817	656	405	941	821	432	1159	975	554								
Net Weight (Kgs)	118	120	145	193	278	365	471	573	650	760	840								

* The maximum current is never higher than 40A.

Product specifications are subject to change without further notice.