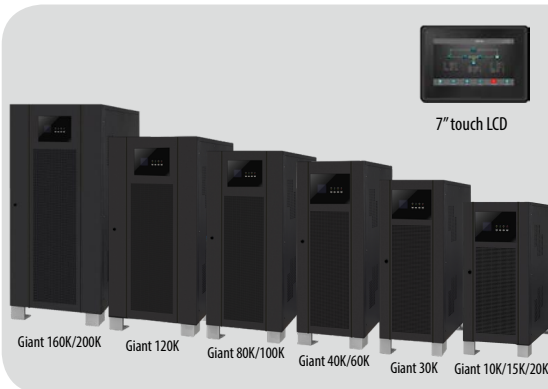


# Giant 3P/3P 10-200KVA

ONLINE UPS



- 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
<b>CAPACITY</b>	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
<b>INPUT</b>											
Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)										
Acceptable Voltage Range	285VAC ~ 475VAC										
Frequency	50/60 Hz ± 10 %										
<b>INVERTER</b>											
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										
<b>STATIC BYPASS</b>											
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										
<b>MAINTENANCE BYPASS</b>											
Type	Without interruption										
Voltage	3 x 400V (3Ph + N)										
Frequency	50/60 Hz										
Overall Efficiency	Line Mode	89%	90%	91%	91%	92%	92%	92%	92%	92%	92%
Battery Mode	90%	91%	92%	92%	92%	92%	92%	92%	92%	92%	93%
<b>BATTERY &amp; CHARGER</b>											
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)										
<b>PHYSICAL</b>											
Dimensions, D x W x H (mm)	656 x 405 x 817			656 x 405 x 941	821 x 432 x 1159		975 x 554 x 1286		975 x 554 x 1326	1051 x 705 x 1646	
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.