



Giant 3P/3P

ONLINE UPS



- Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- Output power factor 0.9
- Control designed to withstand all kinds of loads
- Intelligent battery management to prolong battery lifecycle
- Independent ventilation enhance durable operation under harsh environment
- Accept dual-mains input
- Parallel operation with up to 4 units (option)
- Variety of communication options available

Giant 3P/3P 208V Online UPS Selection Guide

MODEL	Giant 10K	Giant 15K	Giant 20K	Giant 30K	Giant 40K
CAPACITY	10KVA/9KW	15KVA/13.5KW	20KVA/18KW	30KVA/27KW	40KVA/36KW
INPUT					
Nominal Voltage	3 x 208VAC (3Ph + N) (191 Vac & 220Vac is optional)				
Acceptable Voltage Range	166VAC ~ 250VAC				
Frequency	46-54Hz or 56-64Hz				
INVERTER					
Nominal Voltage	3 x 208VAC (3Ph + N) (optional for 191VAC & 220VAC)				
Precision	Stationary: ±1% Transitory: ±5% (load variations 100-0-100%)				
Frequency	50/60 Hz synchronised ±1 % With mains absent ±0.1 Hz				
Max. Synchronisation 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	1 cycle at 98 % 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 208VAC (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 208VAC (3Ph + N)				
Frequency	50/60 Hz				
Overall Efficiency	Line Mode	82%		83%	84%
	Battery Mode	89%		91%	92%
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 5A; Max=Capacity/Battery Voltage			Default 5A; Max. 40A	
Charging Voltage	13.5VDC /per unit (12V)				
PHYSICAL					
Dimensions, D x W x H(mm)	975 x 554 x 1296				
Net Weight (Kgs)	300	340	375	450	525

Product specifications are subject to change without further notice