

UPS

- Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation
- Designed to withstand wide range of loads
- Intelligent battery management to prolong battery life
- Redundant fan design and independent ventilation enhance durable operation under African conditions
- Adjustable battery numbers
- Dual-mains input
- Parallel operation up to 4 units (optional)
- Optional 7" touch LCD

**3P/3P
STANDARD
RECTIFIER,
WITH OUTPUT
TRANSFORMER**



OPGT-SERIES ONLINE UPS

3P/3P - Standard Rectifier, with Output Transformer

Model	OPGT01033	OPGT01533	OPGT02033	OPGT03033	OPGT04033	OPGT06033	OPGT08033	OPGT10033	OPGT12033
CAPACITY	10 KVA	15KVA	20KVA	30KVA	40KVA	60 KVA	80KVA	100KVA	120KVA
	8 KW	12KW	16KW	24KW	32KW	48 KW	64KW	80KW	96KW
INPUT									
Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)								
Voltage Range	305VAC ~ 460VAC								
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								
Slew Rate	±1 Hz/s								
Waveform	Pure Sinewave								
Harmonic Distortion	< 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 to 98 % of the static value								
Overload	110% for 10min; 150% for 60sec ; > Transfer to bypass								
Crest Factor	3:1								
Power Factor	0.6~1 (inductive or capacitive)								
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								
Bypass Activation	Microprocessor control								
Transfer Time	Zero								
Admissible BP Overload	150% for 1 hour; 180% for 30sec								
Retransfer	Automatic after alarm clear								
UPS									
Maintenance Bypass	Without interruption								
Voltage	3 x 400V (3Ph + N)								
Frequency	50/60 Hz								
AC-AC Efficiency	90%		91%		92%	92%		93%	
DC-DC Efficiency	90%		91%		93%	93%		93%	
BATTERY CHARGER									
Battery Quantity	12VDC x 32 pcs (29~32 pcs adjustable)								
Nominal Voltage	384 VDC (Based on 32pcs batteries)								
Charging Method	CC/CV								
Charging Current	Default 10A, Max. 40A								
Charging Voltage	432 VDC (Based on 32pcs batteries)								
PHYSICAL									
D x W x H (mm) - packed	656 x 405 x 817			656 x 405 x 941	821 x 432 x 1159		975 x 554 x 1286		975 x 635 x 1326
Net Weight (kgs)	118	120	145	193	278	365	471	573	650

* Product specifications are subject to change without prior notice.