

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	OPGT16033	OPGT20033	
CAPACITY	10 KVA	15KVA	20KVA	30KVA	40KVA	60 KVA	80KVA	100KVA	120KVA	160KVA	200KVA	
	8 KW	12KW	16KW	24KW	32KW	48 KW	64KW	80KW	96KW	128KW	160KW	
INPUT												
Nominal Voltage	3 x 380VAC/400VAC (3Ph + N)											
Voltage Range	285VAC ~ 485VAC											
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	89%		90%		91%				92%			
DC-AC Efficiency	90%		91%		92%				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)				656 x 405						975 x 635		
- packed	656 x 405 x 817			x 941	821 x 432 x 1159			975 x 554 x 1286		x 1326	1051 x 705 x 1646	
Net Weight (kgs)	118	120	145	193	278	365	471	573	650	760	790	

* Product specifications are subject to change without prior notice.