

Presenting

Generation **5** Online UPS

**30 - 200 KVA**

**3 Ph - 3 Ph UPS**

**GT Series**



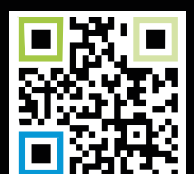
Salient Features

- True Online double conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer
- Compatible for all kind of loads
- Intelligent battery management to prolong battery lifecycle
- Independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input (Optional)
- Parallel operation up to 4 units (optional)
- Multiple Communication ports including MODBUS, USB, Dry contact, RS232 & SNMP (Optional)
- Reverse phase frequency operation and supports non-neutral input

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**RAJDEEP ENERGIES PVT LTD**

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(Near Kandanchavady), Palavakkam, Chennai – 600 096.



## Specifications

MODEL		KONST30GT33	KONST40GT33	KONST60GT33	KONST80GT33	KONST100GT33	KONST120GT33	KONST160GT33	KONST200GT33
<b>PHASE</b>		3 Phase in / 3 Phase out							
<b>CAPACITY</b>		30KVA/24KW	40KVA/32KW	60KVA/48KW	80KVA/64KW	100KVA/80KW	120KVA/96KW	160KVA/128KW	200KVA/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. Synchronisation Speed		±1 Hz/s							
Waveform		Pure Sinewave							
Total Harmonic Distortion (THDv)		<2% (Linear Load) / <5% (Non-linear Load)							
Overload		110% for 10min; 150% for 60sec ; >160% for 200ms							
Crest Factor		3:1							
Power Factor		0.6~1 (inductive or capacitive)							
Imbalance Output Voltage @ 100% Unbalanced Load		<1%							
<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							
<b>Overall Efficiency</b>									
Line Mode		90%		91%				92%	
Battery Mode		91%		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 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 941	821 x 432 x 1159		975 x 554 x 1286		975 x 554 x 1326		1051x705x1646
Net Weight (Kgs)		193	278	365	471	573	650	760	840

Product specifications are subject to change without further notice.

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