

Presenting

Generation **5** Online UPS

**10 - 40 KVA**

GT Series 3PH – 1PH Online UPS



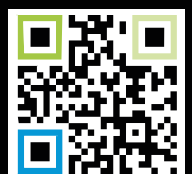
**Salient Features**

- Online double-conversion
- DSP technology guarantees high reliability
- True galvanic isolation transformer design
- Control designed to withstand all kinds of loads
- Independent ventilation enhance durable operation under harsh environment
- Adjustable battery numbers
- Accept dual-mains input
- Parallel operation with up to 4 units (option)
- Variety of communication options available
- Reverse phase sequence operation and No neutral operation

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**RAJDEEP ENERGIES PVT LTD**

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## Specifications

MODEL	KONST10GT31	KONST15GT31	KONST20GT31	KONST30GT31	KONST40GT31
<b>PHASE</b>	3 Phase in / 1 Phase out				
<b>CAPACITY</b>	10KVA/8KW	15KVA/12KW	20KVA/16KW	30KVA/24KW	40KVA/32KW
<b>INPUT</b>					
Nominal Voltage	3 x 380VAC/400VAC/415VAC (3Ph + N + G)				
Acceptable Voltage Range	165VAC ~ 280VAC (Ph-N) / 285VAC ~ 485VAC (Ph-Ph)				
Frequency	50Hz/60Hz ±10%				
<b>OUTPUT</b>					
Nominal Voltage	220VAC/230VAC/240VAC (Adjustable)				
Waveform	Pure Sinewave				
Output Voltage Stability	Steady state ±1% / Transient state +5%				
Frequency	50 Hz / 60 Hz				
Frequency Stability	± 1%				
Frequency Synchronisation Range	± 5Hz (Equal to bypass working range)				
Frequency Synchronisation Speed	1~2 Hz/s				
Power Factor	0.8				
Crest Factor	3:1				
Total Harmonic Distortion (THDv)	<2% (Linear Load) / <5% (Non-linear Load)				
Overload Capability	0% ~ 110% continuous running; 110% ~ 150% for 10 min~1 min; >160% for 200ms				
Short-circuit Capability	60~100ms				
Transient Response Time	< 5ms				
<b>BYPASS</b>					
Connection Type	Hardwire 3-wire (1Ph+N+G)				
Input Voltage Range	220VAC ± 25%				
Overload Capability/Short-circuit Capability	1.5 In~1.8 In 1h~30s		1.8 In ~ >2.0 In 30s~200ms		
<b>SYSTEM</b>					
Efficiency (At Linear Load)	≥ 88%		≥ 90%		
ECO Mode (Non-parallel models)	Yes				
EPO Function	Yes				
<b>BATTERY</b>					
Nominal output voltage	384 VDC				
Charger voltage	290VDC ~ 435VDC (Adjustable)				
Charging current (max)	Default 10A, Maximum 40A, 5A@Full load				
Numbers	32 pcs (29 ~ 32 adjustable)				
Cold Start	Yes				
<b>PHYSICAL</b>					
IP Protection	IP20 (default), IP21/IP31 (Optional)				
Dimensions, D x W x H(mm)	656 x 405 x 817			821 x 432 x 1159	
Net Weight (Kgs)	118	120	145	193	278
<b>ENVIRONMENT</b>					
Operating Temperature	0~ 55°C				
Humidity	0~90% (non-condensing)				
Noise Level	< 70dB @ 1 Meter				
<b>MANAGEMENT</b>					
USB and Modbus RS-232/RS485	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux and MAC				
Dry Contacts	6 outputs and 2 inputs				
Optional SNMP	Power management from SNMP manager and web browser				

Product specifications are subject to change without further notice

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