

Presenting

Generation **5** Online UPS

10 - 30 KVA

3 Ph - 3 Ph UPS



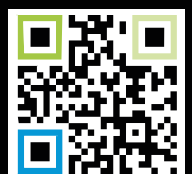
Salient Features

- True online double conversion
- DSP technology guarantees high performance
- 0.9 Output Power Factor
- Active Power Factor Correction in all phases
- Emergency Power Off function
- ECO mode operation for energy saving
- High efficiency >96%
- Generator compatible
- USB + RS232 multiple communication
- Optional : SNMP / MODBUS
- 3 - Stage Extendable charging design for optimized battery performance.
- Maintenance bypass available
- Standalone, Hot standby & optional N+X Parallel operations
- Optional : Dual mains inputs (Only for 10, 15 & 20KVA MODELS)

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Specifications

MODEL	KONST10KL33	KONST15KL33	KONST20KL33	KONST30KL33
PHASE	3 Phase in / 3 Phase out			
CAPACITY	10000 VA/9000 W	15000 VA/13500 W	20000 VA/18000 W	30000 VA/27000 W
INPUT				
Nominal Voltage	3 x 400 VAC (3Ph+N)			
Voltage Range	190-520 VAC (3-phase) @ 50% load 305-478 VAC (3-phase) @ 100% load			
Frequency Range	46~54 Hz or 56~64Hz			
Power Factor	≥ 0.99 @ 100% load			
OUTPUT				
Output Voltage	3 x 400 VAC (3Ph+N)			
AC Voltage Regulation (Batt. Mode)	± 1%			
Frequency Range (Synchronized Range)	46~54Hz or 56~64Hz			
Frequency Range (Batt. Mode)	50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Crest Factor	3:1			
Harmonic Distortion	≤ 2 % THD (Linear Load) ≤ 5 % THD (Non-linear Load)			
TRANSFER TIME				
AC Mode to Battery Mode	Zero			
Inverter to Bypass	Zero			
Waveform (Batt. Mode)	Pure Sinewave			
EFFICIENCY				
Overall Efficiency	> 92%			
BATTERY				
Number of batteries	18 - 20 Adjustable			
Charging Current (max.)	4A	4A	4A	12A
Charging Voltage	273 VDC ± 1% (Based on 20pcs batteries)			
INDICATORS				
LCD Panel	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM				
Battery Mode	Sounding every 4 seconds			
Low Battery	Sounding every second			
Overload	Sounding twice every second			
Fault	Continuously sounding			
PHYSICAL				
Dimension, D X W X H (mm)	592 x 250 x 826	592 x 250 x 826	592 x 250 x 826	815 x 250 x 826
Net Weight (kgs)	38	40	40	64
ENVIRONMENT				
Operation Humidity	0-95 % RH @ 0- 40°C (non-condensing)			
Noise Level	< 60dBA @ 1 Meter	< 65dBA @ 1 Meter		
MANAGEMENT				
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux and MAC			
Optional SNMP	Power management from SNMP manager and web browser			
STANDARDS	IP20, IEC62040-3, EN62040-1,2 COMPLIANCE : CE / ROHS			

The information contained in this publication is subject to change without prior notice.

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