

Presenting

Generation **5** Online UPS

10 - 30 KVA

3 Ph - 1 Ph UPS



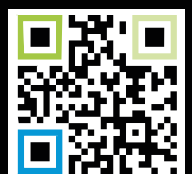
Salient Features

- True online double conversion
- DSP technology guarantees high performance
- 0.9 Output Power Factor
- Active Power Factor Correction in all phases
- Wide Input voltage Range (110V – 300V)
- Built-in phase auto adapt function simplifies wire installation
- Emergency Power Off function
- ECO mode operation for energy saving
- Programmable power management outlets
- High efficiency >92%
- Generator compatible
- USB + RS232 multiple communication
- Optional : SNMP / MODBUS
- 3 - Stage Extendable charging design for optimized battery performance.
- Maintenance bypass available
- Standalone, Hotstandby & N+X Parallel (optional) operations

+91 91005 33369
support@konstant.co.in
www.konstant.co.in

RAJDEEP ENERGIES PVT LTD

Regional Office: No : 5/315 A,
St Mary's Street, Santhosh Nagar,
(Near Kandanchavady), Palavakkam, Chennai – 600 096.



Specifications

MODEL	KONST10KLB31	KONST10KL31	KONST15KL31	KONST20KL31	KONST30KL31
PHASE	3 Phase in / 1 Phase out				
CAPACITY	10000 VA/8000 W	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				
THDi	< 6% @ 100% load				
OUTPUT					
Output Voltage	208/220/230/240VAC				
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	Pure Sinewave				
EFFICIENCY					
Overall Efficiency	>92%				
BATTERY					
Number of batteries	16 / 20	18 - 20 Adjustable			
Charging Current (max.)	4A	4A	8A	8A	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)	442 x 190 x 318	592 X 250 X 576	592 X 250 X 576	592 X 250 X 576	815 x 250 x 826
Net Weight (kgs)	16	28	40	40	64
ENVIRONMENT					
Operation Humidity	0-95 % RH @ 0- 40°C (non-condensing)				
Noise Level	< 58dBA @ 1 Meter		< 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.

+91 92470 09371
+91 92470 09914
support@konstant.co.in
www.konstant.co.in

RAJDEEP ENERGIES PVT LTD

Corporate Office: H.No. 4- I 26/9, Gowdavally Village,
Medchal to Miyapur Bye-pass Rd, Near Ayodhya Junction,
Medchal, Hyderabad - 501401.
CIN: U31102WB2006PTC109825

