

Presenting

Generation **5** Online UPS

1 - 10 KVA

1 Ph - 1 Ph UPS



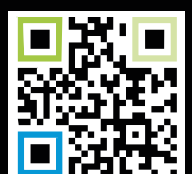
Salient Features

- True online double conversion
- Microprocessor control optimizes reliability
- Active Power Factor Correction
- Wide Input Range (110V – 300V)
- Selectable Output Voltage (200/208/220/230/240 VAC)
- ECO Mode operation for energy saving
- Emergency Power Off function (available only in 6 & 10KVA)
- 0.8 Output Power Factor
- High efficiency
- Generator compatible
- Comprehensive LCD Display & LED Indicators
- Supports USB / RS232
- Standalone & Hot standby operation
- Optional : SNMP / MODBUS
- Optional : In-built Isolation transformer
- Optional : In-built battery model (1 - 3 KVA Only)

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RAJDEEP ENERGIES PVT LTD

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Specifications

MODEL	KONSTIK3LB	KONST2K6LB/ KONST2K8LB	KONST3K6LB/ KONST3K8LB	KONST6KLB	KONST10KLB
PHASE	1 Phase in / 1 Phase out				
CAPACITY	1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W	6000 VA / 4800 W	10000 VA / 8000 W
INPUT					
Nominal Voltage	200/208/220/230/240VAC			208/220/230/240VAC	
Input Voltage Range	110-300 VAC (Based on load at 50%) 160-280VAC (Based on load at 100%)			110-300 VAC (Based on load at 50%) 176-300 VAC (Based on load at 100%)	
Frequency Range	40Hz ~ 70 Hz			46~54 Hz or 56~64 Hz	
Power Factor	≥ 0.99 @ Nominal Voltage (100% load)				
OUTPUT					
Output Voltage	200/208/220/230/240VAC			208/220/230/240VAC	
Voltage Regulation	± 1%				
Frequency Range (Synchronized Range)	47~ 53 Hz or 57 ~ 63 Hz			46~54 Hz or 56~64 Hz	
Frequency Range (Batt. Mode)	50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz			50 Hz or 60Hz ± 0.1 Hz	
Crest Factor	3:1				
Harmonic Distortion	≤ 3% THD (Linear Load) ≤ 6% THD (Non-linear Load)			≤ 3% THD (Linear Load) ≤ 5% THD (Non-linear Load)	
TRANSFER TIME					
AC Mode to Battery Mode	Zero				
Inverter to Bypass	4 ms (Typical)			Zero	
Waveform	Pure Sinewave				
EFFICIENCY					
Overall Efficiency	>90%			>92%	
BATTERY					
Number of batteries	3	6/8		16/20	
Charging Current (max.)	1A/2A/4A/6A (Adjustable)			1A/2A/4A/6A (Adjustable, 6A is only available for 16pcs batteries)	
INDICATORS					
LCD Panel	Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators				
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)	282 x 145 x 220	397 x 145 x 220		369 x 190 x 318	442 x 190 x 318
Net Weight (kgs)	4.1	6.8	7.4	12	16
ENVIRONMENT					
Operation Humidity	20-90 % RH @ 0- 40°C (non-condensing)			0-95% RH @ 0-50°C (non-condensing)	0-95% RH @ 0-40°C (non-condensing)
Noise Level	< 50dBA @ 1 Meter			< 55dBA @ 1 Meter	< 58dBA @ 1 Meter
MANAGEMENT					
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix, 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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