



More Than Power Backup
– It's Power Assurance.



VI911 Series

1-3kVA Online Rack UPS

Key Features

- DSP Technology – True Online Double Conversion UPS Systems
- IGBT Rectifier and IGBT Inverter
- Active Input Power Factor Near Unity ≥ 0.99
- 3-Level Topology – Offers Enhanced Performance and Energy Efficiency
- All Monitoring Features (Optional)
- Li-Ion Battery Compatible
- High Efficiency – Up to 96%
- Output PF = 1 – High Load Adaptability
- Wide Input Voltage Range – 110–300 VAC
- Max Charging Current – Up to 12 A
- Bureau of Indian Standards (BIS) Certified

RAPSTECH®

VI911 Series

1-3kVA Online Rack UPS



Specifications



Model		VI911-1KLR	VI911-2KLR	VI911-3KLR
Phase		1 Phase Input / 1 Phase Output		
Rate Power		1kVA/1kW	2kVA/2kW	3kVA/3kW
Input				
Voltage Range		100% Load@176VAC~276VAC, 100%~50% Power Derating@110VAC~176VAC, 50% Load@276VAC~300VAC		
Power Factor		≥0.99		
Frequency Range		50/60±5Hz(Default), ±3Hz/±10Hz(Adjustable)		
Output				
Power Factor		Unity		
Rate Voltage		220/230/240VAC		
Frequency		50/60Hz, Self Adaption		
Load Response		≤5% (0% - 100% -0% Step Load)		
Recovery Time		≤40ms (0% - 100% -0% Step Load)		
Output Thd		≤2% Linear Load; ≤ 5% Non-Linear Load According to IEC62040-3		
Transfer Time	Main To Bat	0		
	Inv To Byp	4ms		
Efficiency (Normal Mode)		Up to 96%		
Efficiency (Eco Mode)		98%		
Noise (1 Meter)		<47dB	<55dB	<55dB
Overload	Normal	102%~110%:30 mins, 110%~125%:10 mins, 125%~150%:30 seconds		
	Battery Mode	102%~110%:1 min, 110%~125%:10 seconds, 125%~150%:5 seconds		
Battery				
Quantity		3 Nos.	6 Nos.	6 Nos.
Charging		1-12A	1-12A	1-12A
Rate Voltage		36VDC	72VDC	72VDC
Indicators				
LCD Panel		UPS Status, Load Level, Battery Level, Input / Output Voltage, Discharge timer, and fault conditions		
Alarm				
Battery Mode		Beeping every 4 Seconds		
Low Battery Mode		Beep every second		
Over Load		Beeping twice every second		
Fault		Continuously Beeping		
Management				
Standard		EPO, RS232		
Optional		SNMP Card, AS400, USB, RS485		
Physical				
Dimension, W*D*H(Mm)		440*440*86 (2U)		440*440*86 (2U)
Weight (Kg)		7		10

*Product specifications are subject to change without further notice.



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