



More Than Power Backup
– It's Power Assurance.



VI911 Series
6–10kVA Single Phase 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
- Intelligent Battery Management
- 3-Level Topology – High Performance and Efficiency Up to 95%
- Output PF = 1 – High Load Adaptability
- Wide Input Voltage Tolerance
- Adaptable to Half-Wave Load
- Auto Fault Waveform Recording
- Self-Aging Function to Save Test Energy
- 10 kW in 2U – High Power Density
- Li-Ion Battery Compatible
- All Monitoring Features (Optional)
- Bureau of Indian Standards (BIS) Certified

RAPSTECH®

VI911 Series

6–10kVA Single Phase Rack UPS



Specifications



Model		VI911-6KLR	V1911-10KLR
Phase		1 Phase in / 1 Phase Out	
Rate Power		6kVA/6kW	10kVA/10kW
Input			
Voltage Range		110VAC~288VAC (176VAC~288VAC @ 100% load; 110VAC~288VAC ≤50% load; 110VAC~288VAC @ 100%~50% power derating)	
Power Factor		≥0.99	
Frequency Range		45-55 Hz	
Output			
Power Factor		Unity	
Rate Voltage		220/230/240VAC	
Frequency		50/60Hz, Self Adaption	
Load Response		≤5% (0% - 100% -0%)	
Recovery Time		≤40ms (0% - 100% -0%)	
Output Thd		≤1%, Linear Load; ≤5% , Non-Linear Load According to IEC62040-3	
Transfer Time-Main To Bat		0ms	
Transfer Time-Inv To Byp		0ms	
Crest Factor		3:1	
Efficiency (Normal Mode)		Up to 95%	
Noise (1 Meter)		<58dB	
Overload	Normal Mode	105%~110%:10 mins, 111%~125%:1 min, 126%~150%:30 seconds	
	Eco Mode	<125%: Long time, 126%~130%: 5mins, 131%~150%:1 min, >150%:200 ms	
Battery			
Battery Type		External Battery	
Battery Number		16-24 Nos Adjustable	
Battery Voltage		Default 192VDC, Adjustable	
Max Charging		12A	
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			
Communication		RS232, EPO, RS485	
Optional		SNMP Card, AS400, USB	
Physical			
Dimension W*D*H(Mm)		440*580*86 (2U)	
Weight(Kg)		16	18

*Product specifications are subject to change without further notice.



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