



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

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,		
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		
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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