



VI911 Series

1/2/3 kVA Single Phase Rack UPS

More Than Power Backup – It's Power Assurance.

RAPSTECH®

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 to 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 of 110~300Vac.
- Max charging current up to 12A.

Model	VI911-1KLR	VI911-2KLR	VI911-3KLR
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		
Input power factor	≥ 0.99		
Frequency range	50/60 $\pm$ 5Hz(default), $\pm$ 3Hz/ $\pm$ 10Hz(Adjustable)		
Output power factor	Unity		
Output	Rate voltage	220/230/240VAC	
	Frequency	50/60Hz, self adaption	
	Load response	$\leq 5\%$ (0% - 100% -0% step load)	
	Recovery time	$\leq 40\text{ms}$ (0% - 100% -0% step load)	
	Output THD	$\leq 2\%$, Linear load ; $\leq 5\%$ 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)		$<47\text{dB}$	$<55\text{dB}$
Overload	Normal	102%~110%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds	
	Battery mode	102%~110%: 1min, 110%~125%: 10 seconds, 125%~150%:5 seconds	
Battery	Quantity	3 Nos.	6 Nos.
	Max charging	1-12A	1-12A
	Rate voltage	36VDC	72VDC
Standard		EPO, RS232	
Option		SNMP card,AS400, USB, RS485	
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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