



# VI911 Series

6 - 10 kVA Single Phase Rack UPS

More Than Power Backup – It's Power Assurance.

**RAPSTECH<sup>®</sup>**

# 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 to Unity  $\geq 0.99$ .
- Intelligent battery management.
- 3-level topology, high performance and efficiency up to 95%.
- Output PF=1, high load adaptability.
- Wide range of input voltage tolerance.
- Adapt to half-wave load.
- Auto fault waveform recording.
- Self-aging function to save test energy.
- 10kW in 2U, high power density.
- Li-ion battery compatible.
- All Monitoring features ( Optional ).

Model	VI911-6KLR	VI911-10KLR
Rate Power	6kVA/6kW	10kVA/10kW
Input voltage range	110~288VAC; 100% load@>176VAC; 90% load@>154VAC; 75% load@>132VAC; 50% load@>110VAC	
Input power factor	$\geq 0.99$	
Input Frequency range	40-70Hz	
Output power factor	Unity	
Output	Rate voltage	220/230/240VAC
	Frequency	50/60Hz, self adaption
	Load response	$\leq 5\%$ (0% - 100% -0%)
	Recovery time	$\leq 40\text{ms}$ (0% - 100% -0%)
	THD	$\leq 1\%$ , linear load ; $\leq 5\%$ , non-linear load according to IEC62040-3
Transfer time-Main to Battery	0ms	
Transfer time-INV to BYP	0ms	
Crest factor	3:1	
Battery type	External battery	
Battery Number	16-24 Nos Adjustable	
Battery voltage	Default 192VDC , Adjustable	
Max charging	12A	
Efficiency – normal mode	Up to 95%	
Noise (1 meter)	<58dB	
Overload	Normal mode	105%~110%: 10mins, 111%~125%: 1 min, 126%~150%: 30 seconds
	ECO mode	<125%: Long time, 126%~130%: 5mins, 131%~150%: 1min, >150% :200ms
Communication	RS232, EPO, RS485	
Optional	SNMP card, AS400, USB	
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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