



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)

RAPSTECH[®]

VI911 Series

6–10kVA Single Phase Rack UPS



Specifications

| Model | VI911-6KLR | VI911-10KLR |
|---------------------------|---|---|
| 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); | |
| 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 | |
| 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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