



More Than Power Backup
– It's Power Assurance.



BR911 Series

6-10kVA Single Phase Tower 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
- Li-Ion Battery Compatible
- All Monitoring Features (Optional)

RAPSTECH®

BR911 Series

6-10kVA Single Phase Tower UPS



Specifications

| Model | BR911-6KB | BR911-6KL | BR911-10KL |
|---------------------------|--|----------------------------|------------|
| Phase | 1 Phase in / 1 Phase out | | |
| Rate Power | 6kVA/6kW | 6kVA/6kW | 10kVA/10kW |
| INPUT | | | |
| Voltage Range | 110~288VAC, 176VAC~288VAC, Full Load ; 176~110 VAC, Power derate from 100% to 50% | | |
| Power Factor | ≥0.99 | | |
| Frequency Range | 45-70 Hz | | |
| OUTPUT | | | |
| Power Factor | Unity | | |
| Rate Voltage | 220/230/240VAC | | |
| Frequency | 50/60Hz, Self Adaption | | |
| Load Regulation | ±1% | | |
| THD | ≤1%THD, Linear Load; ≤5%THD, Non-Linear Load | | |
| Transfer Time-Main to BAT | 0ms | | |
| Transfer Time-INV to BYP | 0ms | | |
| Efficiency (Normal Mode) | Up to 95% | | |
| Efficiency (ECO Mode) | 98% | | |
| Noise (1 Meter) | 58dB | | |
| Overload (Normal Mode) | 110%:10 mins; 125%:1 min; 150%:30 seconds | | |
| Crest Factor | 3:1 | | |
| Display | LED+LCD | | |
| BATTERY | | | |
| Model | 12VDC/7Ah | External, 16-24 Adjustable | |
| Quantity | 16 | | |
| Max Charging | 1A | 12A | |
| Rate Voltage | Default 192VDC, Adjustable | | |
| INDICATORS | | | |
| LCD Panel | Mimic diagram, UPS Status, Load percentage, Battery percentage, Input / Output / Battery | | |
| ALARM | | | |
| Battery Mode | Beeping every 2 minutes | | |
| Low Battery Mode | Beeping every 5 seconds | | |
| Over Load | Beeping every 5 seconds | | |
| Fault | Continue long beeping | | |
| MANAGEMENT | | | |
| Standard | RS232, EPO, RS485 | | |
| Optional | SNMP Card, AS400, Parallel Kit. | | |
| PHYSICAL | | | |
| Dimension, W*D*H(mm) | 190*605*550 | 190*605*338 | |
| Weight (kg) | 56 | 14 | 16 |

*Product specifications are subject to change without further notice.



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