



More Than Power Backup
– It's Power Assurance.



BR911 Series

1-3kVA Online Tower UPS

Key Features

- DSP Technology – True Online Double Conversion UPS Systems
- IGBT Rectifier and IGBT Inverter
- Active Input Power Factor ≥ 0.99 (Near Unity)
- 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[®]

BR911 Series

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Specifications

MODEL	BR911-1KB	BR911-1KL	BR911-2KB	BR911-2KL	BR911-3KB	BR911-3KL
Phase	1 Phase in / 1 Phase out					
Rate Power	1kVA/1kW	1kVA/1kW	2kVA/2kW	2kVA/2kW	3kVA/3kW	3kVA/3kW
INPUT						
Voltage Range	100% Load@176VAC~276VAC, 100%~50% Power Derating@110VAC~176VAC, 50%					
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%)					
Recovery Time	≤40ms (0% - 100% -0%)					
Output THD	≤2% Linear Load; ≤ 5% Non-Linear Load According to IEC62040-3					
Transfer Time	Main to BAT	0				
	INV to BYP	4ms				
Crest Factor	3:1					
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*(12VDC*7Ah)	3 Nos.	6*(12VDC*7Ah)	6 Nos.	6*(12VDC*7Ah)	6 Nos.
Max Charging	1A	1-12A	1A	1-12A	1A	1-12A
Rate Voltage	36VDC	36VDC	72VDC		72VDC	
INDICATORS						
LCD Panel	Mimic diagram, UPS Status, Load percentage, Battery percentage, Input / Output / Battery Voltage					
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	EPO, RS232					
Optional	SNMP Card, AS400, USB, RS485					
PHYSICAL						
Dimension, W*D*H(mm)	144*355*226		190*400*328	144*398*223	190*400*328	144*398*223
Weight (kg)	10.5	4.5	20.5	6	25	6

*Product specifications are subject to change without further notice.



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