



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
- Bureau of Indian Standards (BIS) Certified

RAPSTECH®

BR911 Series

1-3kVA Online Tower UPS



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 and fault / Alarm code					
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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