



BR911 Series

1/2/3 kVA Single Phase Tower UPS

More Than Power Backup – It's Power Assurance.

RAPSTECH[®]

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 Near to Unity ≥ 0.99
- 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 of 110~300Vac.
- Max charging current up to 12A.

Model		BR911-1KB	BR911-1KL	BR911-2KB	BR911-2KL	BR911-3KB	BR911-3KL
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% load@276VAC~300VAC					
Input 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					
Output	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%: 30mins, 110%~125%:10mins, 125%~150%: 30 seconds					
	Battery mode	102%~110%: 1min, 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	
Standard		EPO, RS232					
Optional		SNMP card, AS400, USB, RS485					
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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