



More Than Power Backup
– It's Power Assurance.

BR931 Series

15–20kVA 3/1 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®

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Specifications

Model	BR931-15KL	BR931-20KL
Phase	3 Phase in / 1 Phase out, 5 Wire	
Rate Power	15kVA/15kW	20kVA/20kW
Input		
Voltage Range	190~499VAC(L-L)	
Power Factor	≥0.99	
Frequency Range	40-70Hz	
Ouput		
Frequency	50/60Hz, Self Adaption	
Power Factor	Unity	
Rate Voltage	220/230/240VAC	
Load Regulation	±1%	
Thd	≤1%,Linear Load ; ≤3%, Non-Linear Load according to IEC62040-3	
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)	<62dB	
Overload (Normal Mode)	110%: 10mins; 125%: 1min; 150%: 30 seconds	
Crest Factor	3:1	
Battery		
Model	External Batteries, 16-24 Adjustable	
Quantity		
Max Charging	12A	
Indicators		
LCD Panel	Mimic diagram, UPS Status, Input / Output / Battery Voltage, Load percentage, Battery percentage 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	RS232, RS485, EPO	
Optional	SNMP Card, AS400, Parallel Kit, USB	
Physical		
Dimension, W*D*H (Mm)	190*564*500	
Weight (Kg)	30	

*Product specifications are subject to change without further notice.



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