



More Than Power Backup  
– It's Power Assurance.



## BR931 Series

10–20kVA 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  $\geq 0.99$
- 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<sup>®</sup>**

# BR931 Series

10-20kVA 3/1 Single Phase Tower UPS



## Specifications

MODEL	BR931-10KL	BR931-15KL	BR931-20KL
Phase	3 Phase in / 1 Phase out, 5 Wire		
Rate Power	10kVA/10kW	15kVA/15kW	20kVA/20kW
<b>INPUT</b>			
Voltage Range	190~499VAC(L-L)		
Power Factor	≥0.99		
Frequency Range	40-70Hz		
<b>OUTPUT</b>			
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)	<55dB	<62dB	
Overload (Normal Mode)	110%: 10mins; 125%: 1min; 150%: 30 seconds		
Crest Factor	3:1		
<b>BATTERY</b>			
Model	External Batteries, 16-24 Adjustable		
Quantity			
Max Charging	12A		
<b>INDICATORS</b>			
LCD Panel	Mimic diagram, UPS Status, Input / Output / Battery Voltage, Load percentage, Battery		
<b>ALARM</b>			
Battery Mode	Beeping every 2 minutes		
Low Battery Mode	Beeping every 5 seconds		
Over Load	Beeping every 5 seconds		
Fault	Continue long beeping		
<b>MANAGEMENT</b>			
Standard	RS232, RS485, EPO		
Optional	SNMP Card, AS400, Parallel Kit, USB		
<b>PHYSICAL</b>			
Dimension, W*D*H(mm)	190*564*500		
Weight (kg)	30		

\*Product specifications are subject to change without further notice.



**RAPSTECH Systems India Pvt Limited**

H.No.:1-11-256/C/11, Bhagawanthpur, Gagan Vihar Colony, Begumpet, Hyderabad, India, 500016

info@rapstech.co.in | +91 905 905 1725, +91 9000 374 695 | rapstech.co.in

