



BR 911E

1-3kVA

Online UPS



RAPSTECH™



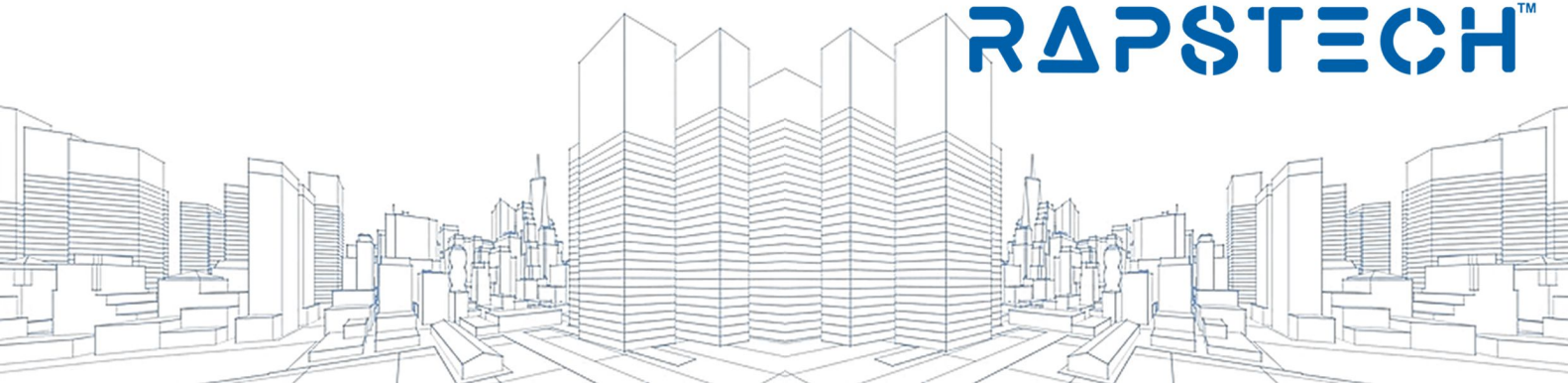
Features:

- ♦ True **Online Double conversion with DSP controlled technology.**
- ♦ Efficiency Upto 90% and 95% on ECO Mode.
- ♦ Rear Ventilation Design and Variable Speed Fan.
- ♦ Effective Software and Hardware Protection.
- ♦ Active Input Power Factor Correction (APFC) up to 0.99
- ♦ **0.9 Output Power Factor.**
- ♦ **Wide Input Voltage Range and Frequency Range .**
- ♦ Auto Sensing Frequency 50 / 60 Hz frequency conversion.
- ♦ **Advanced battery management (ABM)**
- ♦ Multiple functions settable via LCD: Output Voltage, EOD, Auto-Start, Bypass Mode, ECO Mode and **Frequency Conversion Mode**

Multi-Platform Communications:

- ♦ Standard: RS232.
- ♦ Optional: USB, RS485 Card, Dry Contacts, SNMP Card, EPO function.

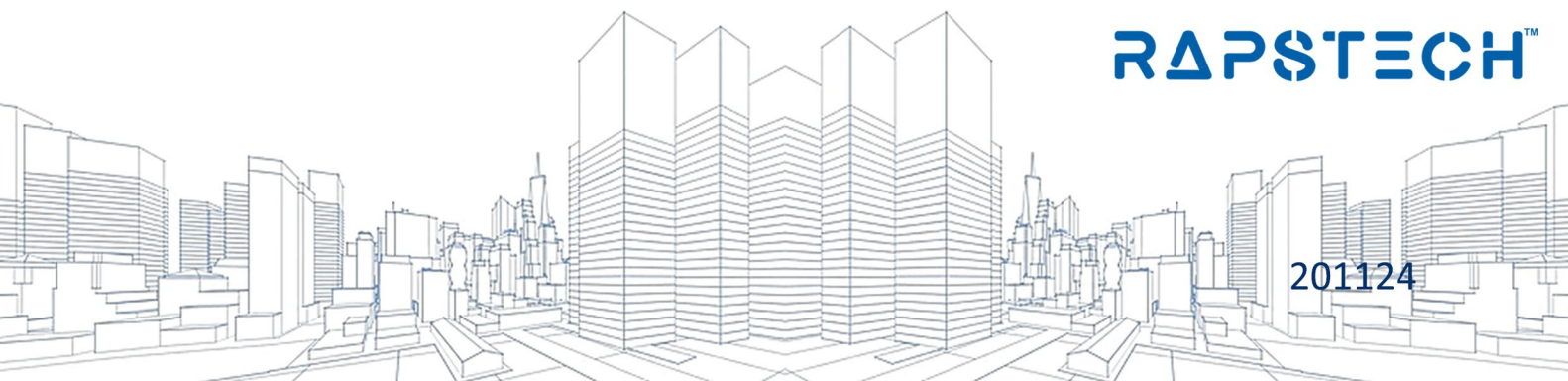
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Technical Specifications:

Model	BR 911E - 1kVA	BR 911E - 2kVA	BR 911E - 3kVA
Phase	1 Phase Input / 1 Phase Output		
Capacity	1000VA / 900 W	2000VA / 1800 W	3000VA / 2700 W
Input			
Rated Voltage	208 / 220 / 230 / 240 Vac		
Voltage Range	176 ~ 280 Vac		
Frequency	40 ~ 70 Hz (Auto Sensing)		
Power Factor	≥ 0.99 @100% Load		
Output			
Voltage	208 / 220 / 230 / 240 Vac (Seetable via LCD)		
Voltage Regulation	± 1%		
Frequency	45 ~ 55 Hz or 55 ~ 65 Hz (Synchronized range); 50/60 Hz ± 0.1 Hz (Battery Mode)		
Waveform	Pure Sinewave		
Power Factor	0.9		
Total Harmonic Distortion (THDv)	≤ 2% (Linear Load); ≤ 5% (Non Linear Load)		
Crest Factor	3:1 (max)		
Overload	105% ~ 125% for 1 min; 126% ~ 150% for 30s; >150% for 300 ms		
Battery			
DC Voltage	36 V	72V	72V
Inbuilt Battery	3 X 7 Ah	6 X 7 Ah	6 X 7 Ah
Charging Current	Inbuilt (SB) Model: 1 A (max)	Inbuilt (SB) Model: 1 A (max)	
System			
Transfer Time	Mains to inverter : Zero ms; Inverter to Bypass : 4 ms (Typical)		
Protections	Short-Circuit, Over load, Over temperature, Battery Low / High Protection, Fan Fault Protection		
Communications	RS232 (Standard), USB / RS485 / Dry Contact / SNMP / MODBUS (Optional)		
Display	LCD + LED		
Standards	EN 62040-1, EN 62040-2, EN 61000-3-2, EN 61000-3-3, IEC 61000-4-2,		
Environment			
Operating Temperature	0°C ~ 45°C		
Storage Temperature	-25°C ~ 55°C (Without Batteries)		
Operating Humidity	0 ~ 95% (Non-Condensing)		
Operating Altitude	≤ 1000m, Above 1000m Derate 1% for Each Additional 100m		
IP Rating	IP 20		
Noise level at 1m	≤ 50 dBA (@ 1m)		
Physical			
Dimensions (W X D X H) (mm)	144 X 336 X 214	191 X 418 X 335	191 X 418 X 335
Net Weight	12.8 kg (SB); 6 kg (LB)	23.1 kg (SB); 10.5 kg (LB)	24.3 kg (SB); 11 kg (LB)

* All specifications subject to change without notice



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201124



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 Plot No. 181, 11th Avenue, Dandamudi Enclave, Kompally Road, PetBasheerabad,
Rangareddy, Hyderabad - 500067 |  905 905 1725 |  Info@rapstech.co.in