



**REL 2100 – GU:**  
*Clean Power for your Critical Energy Requirements*

- Reliable Solution for critical application with Built-in Voltage Stabilizer and Wide Input Range
- Protecting your Equipment from system failure with long backup power
- Power your equipment without AC Input through Built-in DC Cold Start Function
- Operating a a high efficiency range while minimizing energy losses
- Fully Digitized Micro-Processor Ensuring Safe Reliable Solution
- Compact Design Supporting your Space Needs

**Applications Include:**

- ✓ Servers
- ✓ Computers
- ✓ ATM Machines
- ✓ Alarm Systems
- ✓ CCTV/Security Sys
- ✓ BMS/Monitoring Sys
- ✓ Builtin Output Socket

# SALIENT FEATURES

- ✓ Built-in Output Receptacles IEC Standard
- ✓ True Online Dual Conversion UPS System
- ✓ PWM IGBT Inverter
- ✓ Digital Signal Processing Technology
- ✓ Unique ABM Technology Extends Battery Life
- ✓ Built-in AVR
- ✓ Wide Input & Frequency Range
- ✓ Pure Sinewave Output
- ✓ High MTBF & Low MTTR
- ✓ Single Unitary and Static Type.
- ✓ Automatic Static By-Pass System
- ✓ LCD Monitor Display Panel for Local Monitoring.
- ✓ Certified Performance and Compliance with IEC Standards
- ✓ Reduction of THDI Harmonics <3%.
- ✓ Power Factor Correction PFC System.
- ✓ Electromagnetic Compatibility EMC
- ✓ Various Dimensions and LCD Options
- ✓ Optional Built-in Batteries
- ✓ Optional RS232, AS400, BMS Interface, SNMP Comm. Management Systems

# Technical Specifications

<b>General</b>						
Models	700VA	1000VA	1500VA	2000VA	3000VA	5 & 6KVA
Power Factor	Options for 0.7/0.8/0.9					
Power @ PF 0.8	560W	800W	1200W	1600W	2400W	4 & 4.8KW
Topology	Online					
Transfer time	0 mS					
<b>Input</b>						
Voltage Range	145-275Vac					
Frequency	50Hz (48Hz-54Hz) / 60Hz (56-64Hz)					
<b>Output</b>						
Voltage	220Vac +-3% (Optional 110/120/200/208/220/230/240vac)					
Waveform	Pure Sine Wave					
Frequency	50/60 Hz +-0.5					
Overload Capability	100-110% load; 60 secs, 110-120%; 5 secs,>120%; shut down					
<b>DC Configuration</b>						
DC Input Voltage	24-48Vdc					
Charger	3A-20A adjustable					
<b>Management</b>						
Communication	USB (Optional), SNMP (Optional)					
Protections	Low Battery Voltage Overload Protection Short-Circuit Protection Over Current Protection/Input Protection Auto Restart on Input restoration Resettable Input Breaker and Fuse					
Display	LCD Display for UPS Status					
<b>Environment</b>						
Operating Temp.	0-55°C					
Humidity Level	0-90%					
<b>Physical</b>						
UPS Dim. (mm)	D=290 x W=120 x H=255			D=455 x W=195 x H=330		
UPS Weight (Kg)	4	6	9	17	21	26    27
Battery Box Dim.	Customized Design as per Required Battery Backup					

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