

Keor Line RT 1000-1500-2200-3000

3 100 45 - 3 100 46 - 3 100 47 - 3 100 48



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1. GENERAL FEATURES

The Legrand UPS Keor Line RT model is an uninterruptible power source with interactive line technology and sinusoidal output. The Keor Line RT is a convertible UPS that can be used in both tower and rack configurations.

It delivers a rated power of 1000, 1500, 2200, 3000VA is managed by a microprocessor, is equipped with integrated self-diagnostics and works on cold-start.

Keor Line RT is equipped, internally, with valve-regulated, hermetically sealed lead accumulator batteries. The batteries can be easily replaced thanks to a specific door located on the front of the UPS.

The battery can be changed under load, the LED battery seems weak when it is unconnected, after connected it turns normal.

The presence of an electronic stabilizer (AVR) inside the UPS provides the connected loads with effective protection against any interference in the electrical mains. Thanks to the RJ11/ RJ45 sockets, it offers an excellent telephone/fax/modem/LAN protection.

Keor Line RT can be connected to a PC through the USB and Serial RS232 port allowing you to monitor its operation, thanks to the free software, and carry out an emergency shutdown of Windows and Linux operating systems.

Through the 3-button control panel, the LCD screen and 3 status LEDs, it can display the following alarms and operating modes:

- battery charge percentage
- normal operation
- battery-powered operation
- overloaded
- generic anomaly
- back-up time
- end of uptime

The Keor Line RT Static Uninterruptible Power Supply bears the CE marking, pursuant to Directives 73/23, 93/68, 89/336, 92/31, 93/68, and is designed and built in compliance with the following standards:

- EN 62040-1 "General and safety requirements for UPSs used in areas that are accessible to the operator"
- EN 62040-2 "Electromagnetic Compatibility requirements (EMC)"

2. TECHNICAL FEATURES

General Features	
Nominal power (VA) / Active power (W)	1000/900 1500/1350 2200/1980 3000/2700
Technology	Line-interactive VI
Waveform	Sinusoidal

Input	
Input voltage	230 V $\pm$ 10%
Input frequency	45-65 Hz
Input Voltage Range	165V-300V

Output	
Output voltage	230V $\pm$ 10%
Output frequency (nominal)	50/60 Hz $\pm$ 0,5% autosensing
THD Output voltage	< 3% with linear load

Batteries	
Number, Type, Voltage of batteries (Hot-swap)	1000 - 3 x 12V, 7Ah 1500 - 3 x 12V, 9Ah 2200 - 6 x 12V, 7Ah 3000 - 6 x 12V, 9Ah
Backup time*	1000 - 10 min 1500 - 8 min 2200 - 8 min 3000 - 8 min

Communication and Management	
Display and Signals	Three buttons, display and three LEDs for real-time control of the status of the UPS
Protection for the telephone	RJ11/RJ45
Communication ports	USB-RS232

Mechanical Features	
Measurements H x L x D (mm)	1000 - 440x405x88 1500 - 440x405x88 2200 - 440x650x88 3000 - 440x650x88
Net Weight (kg)	1000 - 19 1500 - 20 2200 - 34 3000 - 37

Environmental Conditions	
Operating temperature (°C)	0 $\div$ 40°C
Relative humidity (%)	0÷95 % non-condensing
Noise level at 1 m (dBA)	< 40

Certifications	
Standards	EN62040-1, EN62040-2

3. REAR PANEL DRAWING


3 100 45
3 100 46

3 100 47
3 100 48

* The stated back-up times in minutes are estimated and may vary according to the load characteristics, operating conditions and environment.