

Keor SP 1000 VA
Keor SP 1500 VA
Keor SP 2000 VA

3 101 86 – 3 101 87 – 3 101 88 – 3 109 64
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1. GENERAL FEATURES

The Legrand UPS Keor SP 1000/1500/2000 VA models are uninterruptible power sources with interactive line technology. They deliver an active power of 600, 900 and 1200 W, they are CPU-controlled and are equipped, internally, with valve-regulated, hermetically sealed lead accumulator batteries to guarantee a minimum backup time of 5 minutes at 80% of the load.

The presence of an electronic stabilizer (AVR) inside the UPS provides the connected loads with effective protection against any interference in the electrical mains.

This UPS is available with different types of output sockets:

- Versions 3 101 86/3 101 89/3 101 92: six IEC output sockets
- Versions 3 101 87/3 101 90/3 101 93: two standard German plus two IEC sockets
- Versions 3 101 88/3 101 91/3 101 94: two standard French plus two IEC sockets
- Versions 3 109 64/3 110 48/3 110 49: six IEC output sockets with British Standard Input Power Plug

The UPS is equipped with an USB charging port for mobile devices.

The UPS can be connected to a PC through the USB/RS232 port allowing you to monitor its operations, thanks to the free software, and carry out an emergency shutdown of Windows and Linux operating systems.

Keor SP is managed by a microprocessor and is able to display the following alarms and operating modes through the smart LED bar:

- normal operation
- battery-powered operation
- overload
- generic fault
- backup time
- end of backup time

The Keor SP is CE marked and compliant with EU directives 2014/30 and 2014/35.

It's also designed and built in compliance with the following standards:

- EN 62040-1 "Safety requirements for UPSs"
- EN 62040-2 "Electromagnetic Compatibility requirements (EMC) for UPSs"

2. TECHNICAL FEATURES

Model	SP 1000	SP 1500	SP 2000
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General features			
Nominal power (VA)	1000	1500	2000
Active power (W)	600	900	1200
Technology	Line interactive VI		
Waveform	Simulated sinewave		

Input	
Nominal voltage (V)	230
Voltage range (V)	170 - 290
Frequency (Hz)	50 - 60 ± 5Hz

Output	
Outlets type:	Backup: 6°C13
- IEC Version	Backup: 2°C EE 7/3 + 2°C13
- German Version	Backup: 2°C EE 7/5 + 2°C13
- French Version	
USB charger / Voltage	Type A / 5 V
Voltage (V)	230 ± 10%
Frequency (Hz)	50 - 60 ± 1Hz

Protections			
Full protection	Overload, short circuit, discharge, overcharge and surge protection		
Type	Fuse		
Surgerating	312J	312J	312J

Batteries			
Number of batteries	2		
Battery series Type/Voltage	VRLA 7Ah	VRLA 9Ah	VRLA 9Ah

Communication and Management	
Interface	RGB LED bar (green / orange / red)
Remote Management	USB HID (Type B), RS232
Alarms	Visual (LED bar), Audible (buzzer)
NAS Compatibility	YES

Mechanical Features			
Measurements W x D x H (mm)	148 x 380 x 173		
Net Weight (kg)	8,6	9,6	10,3

Environmental Conditions	
Operating temperature (°C)	0 - 40
Relative humidity (%)	< 95 (without condensing)
Noise level (dB)	≤ 40

Certifications	
Standards and marks	EN 62040-1, EN 62040-2, CE