

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

**3 101 86 – 3 101 87 – 3 101 88 – 3 109 64**  
**3 101 89 – 3 101 90 – 3 101 91 – 3 110 48**  
**3 101 92 – 3 101 93 – 3 101 94 – 3 110 49**



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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 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 |
|-------|---------|---------|---------|
|-------|---------|---------|---------|

| 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*CEE 7/3 + 2*C13 |
| - German Version      | Backup: 2*CEE 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  |

| 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) |
| USB HID                      | Type B                             |
| Alarms                       | Visual (LED bar), Audible (buzzer) |

| 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 |