

Keor SP 600 VA Keor SP 800 VA

3 101 80 – 3 101 81 – 3 101 82 – 3 101 79

3 101 83 – 3 101 84 – 3 101 85 – 3 101 95



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1. GENERAL FEATURES

The Legrand UPS Keor SP 600/800 VA models are uninterruptible power sources with interactive line technology. They deliver an active power of 360 and 480 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 with backup protection and surge protection:

- Versions 3 101 80/3 101 83: four IEC output sockets with
- Versions 3 101 81/3 101 84: one standard German plus one IEC sockets
- Versions 3 101 82/3 101 85: one standard French plus one IEC sockets
- Versions 3 101 79/3 101 95: four IEC output sockets with British Standard Input Power Plug

The UPS is equipped with an USB charging port for mobile devices (only 800VA)

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 600	SP 800
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General features		
Nominal power (VA)	600	800
Active power (W)	360	480
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: 4*C13
- IEC Version	Backup: 1*CEE 7/3 + 1*C13
- German Version	Backup: 1*CEE 7/5 + 1*C13
- French Version	Backup: 1*CEE 7/5 + 1*C13
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

Batteries		
Number of batteries	1	
Battery series Type / Voltage	VRLA 7 Ah	VRLA 9 Ah

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

Mechanical Features		
Measurements W x D x H (mm)	120 x 330 x 138	
Net Weight (kg)	4,8	5,5

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