

Keor PDU 800 VA

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1. GENERAL FEATURES

The Legrand UPS Keor PDU 800 VA models are uninterruptible power sources with off-line technology. They deliver an active power of 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 10 minutes at 50% of the load and 3 minutes at 80% of the load.

Keor PDU provides 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 3 103 30: French Input eight French output sockets
- Versions 3 103 31: Multi-Standard Input eight IEC output sockets
- Versions 3 103 32: Multi-Standard Input eight German/Italian output sockets
- Versions 3 103 33: UK Input eight IEC output sockets

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

- Battery Mode
- Battery Low
- Overload
- System Fault
- End of Backup Time

The Keor PDU 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	KEOR PDU 800
General features	
Nominal power (VA)	800
Active power (W)	480
Technology	Off-Line VFD
Waveform	Simulated sinewave
Input	
Input Socket	1 IEC 10A
Nominal voltage (V)	230
Voltage range (V)	180 - 270
Frequency (Hz)	50 - 60 ± 5Hz
Output	
Outlets type:	
- IEC Version	Backup: 8*C13
- German-Italian Version	Backup: 8*CEE 7/3
- French Version	Backup: 8*CEE 7/5
Voltage (V)	230 ± 10%
Frequency (Hz)	50 - 60 ± 1Hz
Protections	
Full protection	Deep Discharge, Over-Load and Short-Circuit Protection
Type	Fuse
Batteries	
Number of batteries	1
Battery series Type / Voltage	VRLA 9 Ah
Communication and Management	
Interface	LED bar (green / orange / red)
USB HID	Type B
Alarms	Visual (LED bar), Audible (buzzer)
Mechanical Features	
Measurements W x D x H (mm)	19" x 150mm x 2U
Net Weight (kg)	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