

VLOG-10

VLOG-10, Single-phase analyzer to collect and record outages, gaps, overvoltages and voltage load profile,

Code: M84101. **CONSULTAR DISPONIBILIDAD**

Description

VLOG-10 is a portable Power Quality Analyser, whose purpose is to capture the main voltage waveform events (power failure, gaps and overvoltages). This programmable measuring device measures, calculates and stores the network voltage, monitoring different events that may be produced in the single-phase network. The **VLOG-10** gives true root mean square (True-RMS) measurement by means of the power supply voltage, storing the results in its 512kb internal memory for subsequent data dumping and study.

The device is designed to operate autonomously once it has been connected to the mains, after which it immediately starts to measure the mains voltage and frequency, recording the data and incidences that have occurred. These records are stored according to the configuration previously set by the user in the configuration parameters. The dumped generated data is downloaded via the built-in USB interface.

Application

- Power quality analyser for single-phase networks of up to 265 V~.
- Suitable for controlling the voltage of residential or domestic type electrical networks.
- Suitable for large-scale projects, for power quality recording.
- Compact dimensions, and suitable for installation in double insulated boxes, next to the electricity billing meter (the energy supplier's meter).

Creation date: 21/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.



VLOG-10

Power quality analyzer

Code: M84101.

Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	0,8...1,12 VA
Frequency	50 / 60 Hz.
Nominal voltage	85...265 V~

Battery specification

Capacity	220 mAh
Performance-guarantee	10 años
Type	Li/MnO2
Voltage	3 Vcc

Mechanical characteristics

Size (mm) width x height x depth	43 x 116 x 26 (mm)
Envelope	Self-extinguishing V0 plastic
Weight (kg)	0,1

Environmental characteristics

Protection class	IP 20
Relative humidity (without condensation)	25 ... 75 %
Storage temperature	-20 ... +80 °C
Working temperature	-10 ... +55 °C

Standards

Certifications	CE
Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V, IEC 61010
Standards	IEC 61010-1, IEC 61326-1

Voltage measurement circuit

Installation category	CAT III 300 V
Voltage measuring range	85...265 V~
Minimum measurement voltage (Vstart)	85 V~

User interface

Connectivity	USB tipo B
LED	3
Keyboard	1 pushbutton



VLOG-10

Power quality analyzer

Code: M84101.

Measurement accuracy

Active power measurement (kW)	Class 0.5 ± 1 digit (IEC 61557-12) (Vn a.c. 230/110)
Power factor measurement	Class 0.5 (IEC 61557-12)
Phase voltage measurement	0,5 % (accuracy within the range +5 ... +45 °C)

Creation date: 21/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

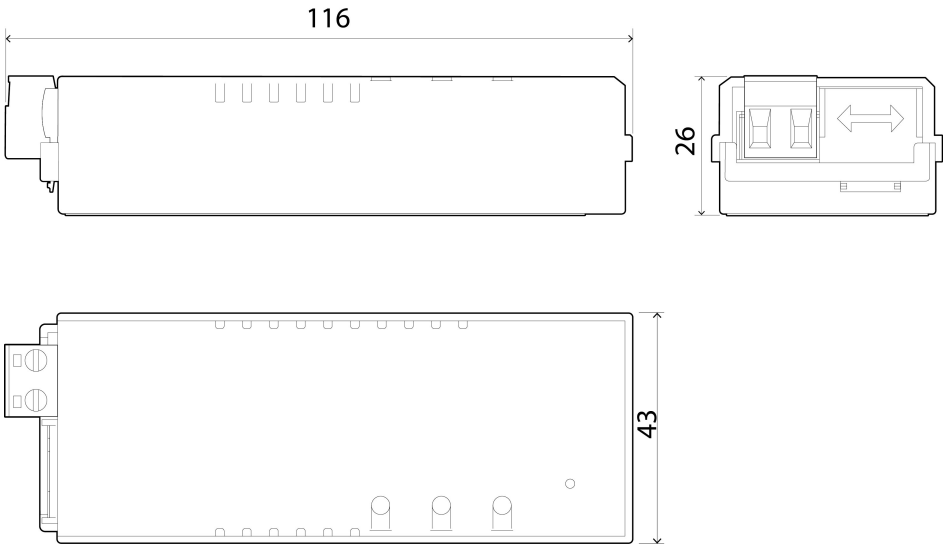


VLOG-10

Power quality analyzer

Code: M84101.

Dimensions



Creation date: 21/11/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.