

SenNet

Monitoring Solutions

SENNET CASE

The most complete tool for
energy managers.





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SenNet Case

Portable electrical meter.

The SenNet case is a portable device which **do not require installation**, it permits to analyse power consumption from 1 up to 6 three-phase or 18 single-phase electrical circuits at the same time.

The SenNet Case is the ideal tool to analyse electrical circuits for companies and professionals which need to capture energy consumption profiles as well as electrical parameters of operation in a facility during period of time.

Compact measurement in
A PORTABLE SYSTEM

Advantages



Ready to use

The SenNet Case do not require installation, you only have to leave it in an electrical panel or hang it up close to a panel.

Its design is thought to measure temporal electrical consumptions: hours, days, weeks, even months...

Data is logged in a SD card or is sent to a virtual platform by CSV.



Portable

The SenNet case is completely portable due to its weight, size and shape. Moreover, it is really easy to move from a facility to another one.

The device has been designed as a little suitcase with bags to carry the components required: current sensors, pliers of current-measuring, pliers of measurement voltage reference, etc.

Connection to electrical circuits from 5A up to 5000A using current transducers and flexible coils.



Multi-use

The target is to analyse the behaviour of energy in different electrical systems. Capturing data of 6 three-phase or 18 single-phase circuits.

Perfect device for office, shops, hotels, industrial plants, and in general, for any building which is required to do a measurement study of energy consumption.

What information can it capture?

Utilities



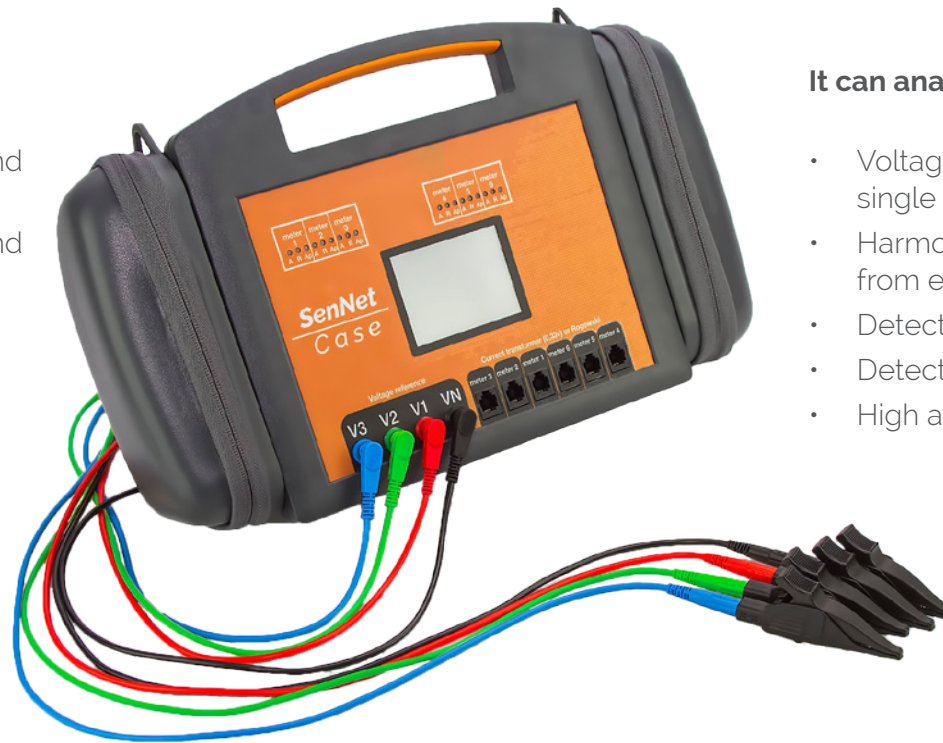
The SenNet Case can capture the following parameters from up to **6 three-phase electrical circuits**:

Additionally, the SenNet Case is a **quality analyser** tool of supply.



It can capture:

- Active, reactive and apparent total and per phase Power.
- Active, reactive and apparent total and per phase Energy
- Voltage of each phase.
- Current of each phase.
- Power factor of each phase.
- Frequency.



It can analyse:

- Voltage and current harmonics from every single phase.
- Harmonics up to 16th of current and voltage from every single phase.
- Detection of overvoltage.
- Detection of low voltage.
- High accuracy in frequency captured value.

Analyse the whole power consumption of a building:
Air conditioning, lighting, machinery... up to 6 electrical circuits with **the most compact portable device in the market.**

How does it work?



Use and touch control

The SenNet Case has a touch screen which permits the configuration of functioning parameters and the display of data captured.

Data captured can be logged in an internal micro SD of 8 Gb which the device includes in a slot. Other configuration permits sending data captured in real time or in a period of time to different virtual platforms of energy management in the market. Moreover, data captured can be sent in CSV format to a FTP Server.



Commissioning

Comfortable and fast start-up. You only have to place the voltage reference pliers and current sensors (Rogowsky coils or split-core current transducers).

You do not need any screwdrivers neither tools to plug voltage reference pliers and current sensors.



Connectivity

The device has Ethernet and GPRS connectivity for local and remote communication.

Through the touch screen or the integrate browser you can configure those circuits you want to read: current values, frequency of capturing, etc. Anyway, the working mode we recommend consists in: preconfigure through the browser and change, if it is necessary, some parameters at the facility using the touch screen.



Applications

The device is designed to **analyse the behaviour of energy in electrical systems** such as office, shops, hotels, industrial plants, and in general, for any building which is required to do a measurement study of energy consumption.



ISO 50.001 Certification.
Energy audits.
Consumption analysis.
Anomalous consumption detection.

Thanks to the portability
of the device you can do a
measurement study of energy
consumption
effective and quick.

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Voltage reference

V3 V2 V1 VN

Current transformer (0,33V) or Rogowski

meter 3 meter 2 meter 1 meter 6 meter 5 meter 4

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