

A woman with long dark hair and glasses, wearing a dark sleeveless dress, is smiling and looking down at a smartphone she is holding in her hands. The scene is bathed in a blue light. In the foreground, there are glowing blue digital lines and waveforms that appear to be interacting with the woman and her phone. The background is slightly blurred, showing what looks like an outdoor setting at night or in low light.

ADVANCED SOLUTIONS

SACI_EVA	8
Gateway Lite	8
AQM2	9
SACI-RTU	9

SACI_EVA

EV Charging management



Chatbot
SACI_EVA

General features

Dynamic Load Management (DLM) system designed for the efficient management of electric vehicle chargers. This software stands out for its ability to optimize electrical energy distribution and improve operational efficiency.

It is ideal for installations such as EV charging stations, shopping centers, public and private parking facilities, among others, as its software allows the centralized management of up to 100 charging points from different brands through a single device.

The system is compatible with chargers equipped with Smart Charging technology, supporting OCPP 1.6J and 2.0.1 protocols.

- **Auxiliary voltage:** 100 – 277 V AC/DC
- **Power consumption:** <15 VA
- **Protection rating:** IP20
- **Mounting:** DIN rail or mounting plate
- **Communication:** 2 RS485 ports
2 Ethernet ports
- **Protocol:** TCP Modbus
- **Dimensions:** 125 × 67 × 145 mm

General features	Model
Dynamic power management system for EVs	SACI_EVA-230V

Gateway Lite

Data Concentrator



General features

Data logger for SACI devices, capable of connecting up to 8 units via RS485 communication. Ideal for mass data collection, it includes software that facilitates control and monitoring of installations.

The RS485 interface is configurable, allowing the reading of variables from any SACI device using the Modbus RTU protocol through fixed profiles.

The collected data is transmitted via Ethernet / WiFi in JSON format using the MQTT protocol. The monitoring application is available for web and iOS and Android apps.

- **Auxiliary supply:** 85 – 264 V AC/DC
- **Internal processor:** 32-bit
- **Program memory:** 8 GB
- **RAM memory:** 4 MB
- **Dimensions:** 35 × 96 mm
- **Communications:** WiFi / Ethernet / RS485
- **Protocol:** MQTT (Ethernet / WiFi)
Modbus RTU (RS485)
- **Offline data storage:** 1 week
- **Mounting:** DIN rail

General features	Model
Data concentrator (up to 8 devices)	Gateway lite

AQM2

Power quality analyzer



General features

The AQM2 power quality analyzer is designed for large-scale electrical data collection, providing an advanced solution for energy measurement, remote control of the electrical system, and comprehensive power quality analysis, thanks to its 0.2S accuracy class.

- **Nominal voltage:** 230/400 V AC
- **Frequency:** 45 – 65 Hz
- **Indirect measurement:** X/1 A – X/5 A
- **Auxiliary supply:** 80 – 270 V AC/DC
- **Protection rating:** IP54
- **Communication:** RS485
- **Protocol:** Modbus RTU
- **Dimensions:** 144 × 144 mm
- **Tariffs:** 8
- **Memory:** 2 GB

General features	Model
Power quality analyzer	AQM2

Additional options	
QM7	+4 digital inputs module
QM8	+2 relay outputs module
QM11	Ethernet port module, Modbus TCP, Web server
QM13	RS485 port module (Modbus RTU)

Measuring parameters	Unit	Class
Voltage	V	0.1%
Current	A	0.1%
Active / Reactive / Apparent power	W - Var - Va	0.2%
Power factor	-	0.2%
Frequency	Hz	±0,01
Active energy	±kWh	0.2S
Reactive energy	±kvarh	2

SACI-RTU

Data Concentrator



General features

Data concentrator and remote control unit designed to centralize, manage and transmit information from a network of measurement and control devices. Its main function is to act as an intelligent gateway between field devices and central supervision systems, simplifying the communications architecture and improving overall system efficiency.

It allows electrical data to be read, temporarily stored and transmitted using Modbus and MQTT protocols, without the need for a dedicated computer. Configuration can be carried out via an embedded web interface, and the unit features dual Ethernet ports and RS485 communication.

- **Mounting:** DIN rail or mounting plate
- **Communications:** (2) Ethernet (RJ45)
(1) RS485
- **Protocol:** TCP-Modbus, Modbus-RTU, MQTT
- **Auxiliary supply:** 100 – 277 V AC/DC
- **Internal processor:** 64-bit quad-core
- **Protection rating:** IP20
- **Program memory:** 16 GB
- **RAM memory:** 2 GB
- **RTC clock**
- **Operating system:** Linux
- **Dimensions:** 125 × 67 × 145 mm

General features	Model
Data concentrator	SACI-RTU