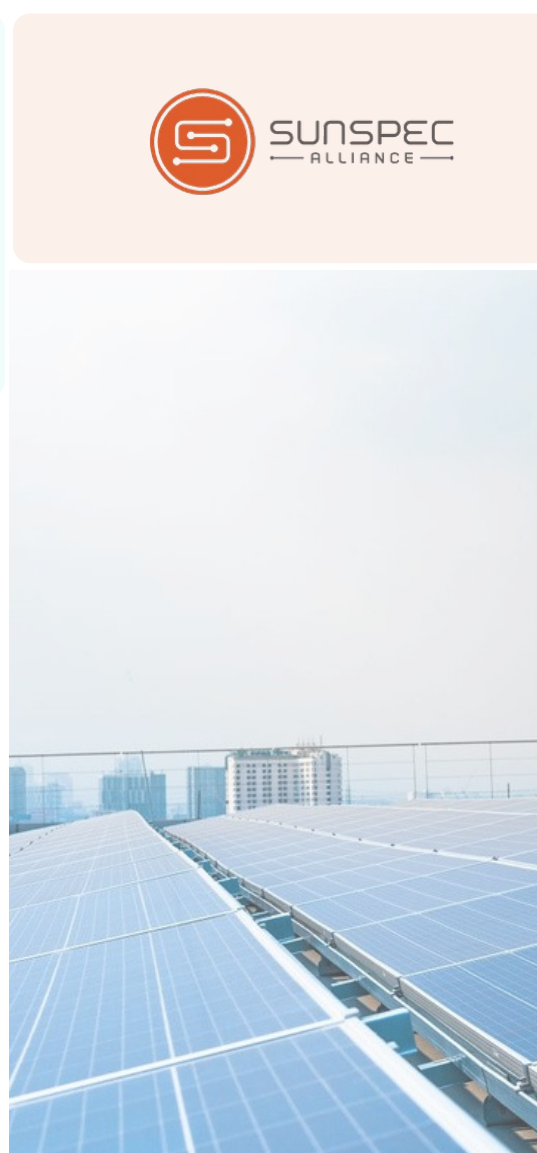
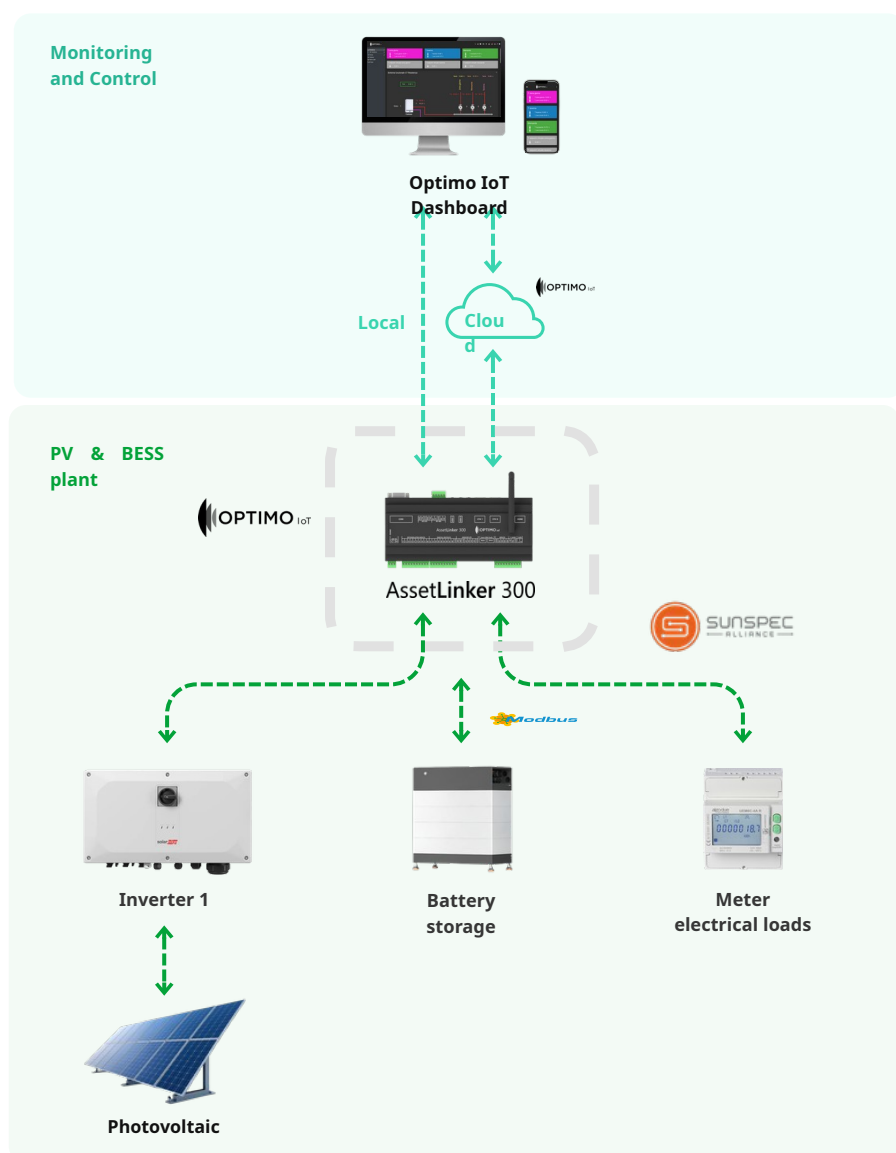


Optimo IoT Photovoltaic & *BESS* Kit

Optimo IoT Photovoltaic & BESS Kit: a complete solution for **monitoring photovoltaic plants and battery energy storage** that lets you track the production of your plant and the consumption of your electrical loads

STEP 1 AL300 gateway **installation**

An AL300 gateway will be installed at each photovoltaic plant, communicating with the **inverters** via the **Modbus** protocol in accordance with the **SunSpec** specification, allowing you to monitor all plant operating parameters, modulate production and manage electrical loads



STEP 2 Monitoring and control on **cloud dashboard**

Data acquired by the **AL300** is monitored in real time on the **Optimo IoT platform**, using the local offline display interface or our **cloud** service for remote monitoring, analysis and control of the plant

The AL300 gateway can also read meters for monitoring electrical loads and manage those loads through its on-board I/O and Modbus expansion modules



With the **Optimo IoT Photovoltaic & BESS Kit** you can

- Monitor the production of the PV plant
- Monitor string voltages and currents
- Control inverter power output
- Manage the plant electrical loads
- Monitor the state of charge of the batteries
- Set battery charge and discharge limits
- Monitor and manage all your photovoltaic assets from a single interface

