

SUNSYS OSIS: the complete outdoor solution for medium power PV plants

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Parking areas, roofs on farm, industrial and commercial buildings ... There are many sorts of surfaces that can be used for installing medium power PV plant (from 100 to 250 kWc). For projects of this size SOCOMEC offers its SUNSYS OSIS, an ideal outdoor solution that houses all the additional equipment for the solar panels in the same cabinet.

An “all-in-one” solution

Installing PV plant on the roof of a building normally requires a technical room or restricted access area to house the inverters and protective devices.

Socomec’s new PV solution, called SUNSYS OSIS - **Outdoor Solar Inverter Solution**, **totally removes the need for any such room or area**. Compact and pre-wired for quick and easy connection, the solution is designed for outdoor installation without the need of building permits. Besides saving space on interior floor surfaces, the product also represents savings in installation and operating costs.

SUNSYS OSIS provides all the essential functions downstream of the solar panels:

- Conversion of photovoltaic energy via one or more SUNSYS B 3-phase PV string inverters (with very high output of up to 98%),
- DC protection upstream of the inverter,
- AC protection downstream of the inverter.

Both protective enclosures and the inverter are fitted in the same cabinet designed for outdoor use.

Plug & Play

Installing the unit is quick as it is delivered fully assembled and pre-wired. Simply connect the SUNSYS OSIS to the PV modules and the electricity grid. Maintenance is likewise very easy.

Extremely reliable

The choice of materials ensures that the unit will continue to operate outdoors whatever the weather and environmental conditions. Installed directly to the ground or on a raised floor, the cabinet is protected against unauthorised access and ensures emergency shutdown.

Ideal for your requirements

The range is extensive:

- Models are available in a wide range of power ratings from 40 to 240 kVA,
- Many combinations are possible,
- Combining several cabinets can meet the needs of a solar park.

The standard SUNSYS OSIS model can be adapted to the specific requirements of the PV plant and the technology of its modules, with each project sized according to the customer's modules and constraints.

Supervision

SUNSYS OSIS is compatible with all remote monitoring systems using the standard MODBUS communication protocol, especially SUNGUARD, WEBDYN, SOLAR-LOG and METEOCONTROL.

Conformity to standards

SUNSYS OSIS is designed, manufactured and tested by Socomec in France on a dedicated production platform in full compliance with the industrial and quality standards of the Socomec Group as well as their related norms.

Key points

- Power ratings from 40 to 240 kVA
- High output (up to 98%)
- Easily adapted to specific requirements
- Designed, manufactured and tested in France

Photo



For an HD version of the photo : [click here](#)

ABOUT SOCOMEC

Founded in 1922, SOCOMEC is an industrial group with a workforce of over 3000 people around the world in 21 subsidiaries. Our core business: the availability, control and safety of low voltage electrical networks... with increased focus on our customers' power performance. In 2014, SOCOMEC posted turnover of 427 million euros.



FOR MORE INFORMATION

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