

Renewed energy

high quality DC performance

SOCOMECSOLAR solutions have acquired an indisputable reputation in the control, security and conversion of low voltage electrical power. No surprise then that our know-how extends to products for standard and customised solutions that meet the particular requirements for optimising the efficiency and durability of solar-powered PV installations.

For all solar installations, whatever the size

From residential properties to solar roof installations to PV power stations, the range of SOCOMECSOLAR products covers the whole spectrum of powers generated by PV facilities.

Sizeable R&D resources

SOCOMECSOLAR's centres of competence are equipped with two testing laboratories: one in France accredited by Cofrac for switchgear and one in Italy with 190 kW PV testing capacity.

These power testing facilities allow our R&D teams to validate the technologies we develop as well as the solutions offered.

The "SOCOMECSOLAR touch"

Reliable and high quality products, attentive, flexible and committed to customers and their requirements, and therefore their satisfaction... All this and more makes our customers and partners agree that there is really a "Socomec style" on-hand and always available to electrical engineering designers, system integrators and users in an application sector that gravitates towards "positive energy"!

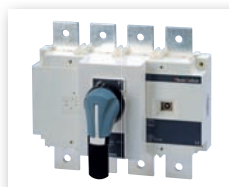


Indispensable expertise

Renewing electrical energy sources by integrating the production of PV solar power generated by PV panels and connecting installations to the electrical network demands careful attention. Given the specific nature of the architecture and other electrical phenomena, it should come as no surprise that particular expertise is required to guarantee the maximum output and durability of the installation.

Fully controlled specializations

As one of the Socomec Group's real "Centres of Competence", SOCOMECSOLAR has on-hand a full range of expertise and cutting-edge specializations required for the full control of generic functions involved in the installation's PV architecture. Starting from the solar panels, the solution covers DC protection and connections, DC/AC power conversion, AC protection and connections and comprehensive supervisory systems for the entire solar power production facility. SOCOMECSOLAR has also issued and regularly updates an Application / Technical Guide, a reference publication entirely dedicated to the PV field.



- > Solar inverters
- > Switching and isolating
- > Protection against overcurrents and excess voltage
- > Prevention of DC insulation degradation
- > Supervision



**ENERGY
SPECIALIST**
SINCE 1922

