SOCOMEC 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.

**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”, SOCOMEC SOLAR 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.

SOCOMEC SOLAR has also issued and regularly updates an Application / Technical Guide, a reference publication entirely dedicated to the PV field.

**For all solar installations, whatever the size**
From residential properties to solar roof installations to PV power stations, the range of SOCOMEC SOLAR products covers the whole spectrum of powers generated by PV facilities.

**Sizeable R&D resources**
SOCOMEC’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 “SOCOMEC 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”!

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

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**For all solar installations, whatever the size**

For all solar installations, whatever the size, SOCOMEC SOLAR offers a comprehensive range of solutions to ensure the safe and efficient operation of solar power systems. From residential properties to large-scale power stations, SOCOMEC SOLAR provides a wide range of products and solutions tailored to meet the specific needs of each project.

**Sizeable R&D resources**
SOCOMEC SOLAR invests heavily in research and development to ensure continuous innovation and improvement of its products. The company operates two testing laboratories, one in France accredited by Cofrac for switchgear and one in Italy with 190 kW PV testing capacity, allowing for rigorous testing and validation of its products.

**The “SOCOMEC touch”**
SOCOMEC SOLAR is known for its commitment to quality and customer satisfaction. With a focus on innovative power solutions, the company aims to provide reliable and high-quality products that meet the needs of electrical engineering designers, system integrators, and users in the field of renewable energy.

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**For all solar installations, whatever the size**

SOCOMEC SOLAR offers a comprehensive range of solutions for solar power installations, catering to projects of any size. From residential properties to large-scale power stations, SOCOMEC SOLAR provides a wide range of products and systems designed to ensure the safe and efficient operation of solar power systems.

**Sizeable R&D resources**
SOCOMEC SOLAR invests significantly in research and development to ensure continued innovation and improvement of its products. The company operates two testing laboratories, one in France accredited by Cofrac for switchgear and one in Italy with 190 kW PV testing capacity, allowing for thorough testing and validation of its products.

**The “SOCOMEC touch”**
SOCOMEC SOLAR is renowned for its dedication to quality and customer satisfaction. With a focus on innovative power solutions, the company strives to provide reliable and high-quality products to meet the demands of electrical engineering designers, system integrators, and users in the renewable energy sector.