



Renault Solar Project

Several locations, France

The world's largest system in the automotive industry, with Trina Solar modules

- TSM-PC05
- 400.000 square meters surface

59^{MW}

System

200^T CO₂

Emissions avoided

225.350

Modules

**Commercial
rooftop PV
system**

The system is the world's largest in the automotive industry with 400.000 square meters of Trina Solar modules, equal to 60 soccer pitches

Renault's Project is the World largest project in the automotive industry, with 400.000 square meters of Trina Solar modules, equal to 60 soccer pitches. In total, 225.350 modules have been installed.

Photovoltaic panels are located at six of its French production sites -all certified with ISO 14001- in Douai, Maubeuge, Flins, Batilly, Sandouville and Cléon, specially in delivery and shipping centres and employee parking areas.

Trina Solar modules of the entire surface develop total power of 59 MW and are able to produce 52.000.000 kWh of electricity per year, enough for supplying needs of a 15.000 people town.

With Trina Solar installation, Renault will reduce to 200 tons in the CO₂ emitted annually by electric Engine production, calculated on the basis of the energy mix in France, the equivalent of 550 round-the World- trips by an internal-



combustion Vehicle emitting an average of 100 g/km of or a fleet of roughly 1.500 vehicles each travelling 15.000 km a year.

The photovoltaic system also showcases the group's expertise in renewable energies. Sustainable rating agencies have ranked Renault for several years among the most virtuous companies in terms of environmental management.

The initiative is also an innovative way of protecting new vehicles before delivery to the sales network because it limits damages caused by hail, storm or impacts. Trina Solar modules provide high efficiency also with less solar radiation, with cloudy sky or even with snow.

The photovoltaic project was developed by Renault, project initiator and coordinator, in its role as lessor, together with its Partners Gestamp Solar, and Coruscant only in Cléon, in their role as operational project managers.

Name of the project

Renault Solar Project

LOCATION

Douai, Maubeuge, Flins, Batilly, Sandouville and Cléon (France)

TYPE OF INSTALLATION

Commercial rooftop

SIZE OF INSTALLATION

59 MW

PRODUCT

TSM-PC05

NUMBER OF MODULES

225.350

ANNUAL OUTPUT

52.000.000 kWh/year



Trina Solar's multicrystalline module: TSM-PC05

This is currently the most popular module of Trina Solar. Versatile and adaptable, is perfect for large-scale and commercial rooftops. It uses reliable and carefully selected components that are certified by Trina Solar's Center of Excellence. The module comes with a linear power warranty of 25 years.