

1.2 MW ROOFTOP SOLAR



TAILOR-MADE
SOLUTION



SG110CX



**TEMPERATURE
UP TO 40°C**



**COST
SAVING**

SUSTAINABILITY IS THE CHALLENGE ALL COMPANIES IN THE WORLD ARE CURRENTLY FACING.

How can we be more sustainable? That's a million dollar question.

In this situation was Hinojosa Packaging Rambleños, a manufacturing plant for cardboard containers and packaging of Grupo Hinojosa located on the Rambla, south of Córdoba. Its objective was to **advance in sustainability and optimize its energy consumption**. The solution?

To take advantage of the **15,000m² space at the factory rooftop** and the sunny location of Córdoba to generate electricity.

With Sungrow, being sustainable it's easier than you might think!

Location

La Rambla (Córdoba),
Spain

System

11x SG110CX
Rooftop

Capacity

1,21MW

BENEFITS

Multi MPPT inverters have been used for this project to make the most of the energy captured by the 3,402 photovoltaic panels placed on the roof of the company.

The **SG110CX provides great flexibility** to the installation since each of its MPPTs works independently in case of rain, clouds or other shadows on the solar panels. **Thanks to these 9 independent MPPTs, the 11 SG110CX inverters work at their maximum power point.** To reach 1.2MW of power for the installation.

Since it's energization, the plant has generated a total output of approximately **462,000MWh. Increasing the use of energy from renewable sources by 26%.**

In other words, the Rambleños rooftop photovoltaic plant **has approximately reduced CO2 emissions by 462,000 kg, the equivalent of planting 25,200 trees.** This data have been obtained through the free monitoring platform iSolarCloud.



Sungrow SG110CX has 9 MPPT to get the maximum power from the PV plant in every working conditions



"Our 110kW inverter has been the best-selling equipment in its league for the C&I market. The SG110 makes for a versatile and adaptable inverter, thanks to its 9MPPTs connectivity options. In this case, the SG110CX was the perfect solution, enabling high yield at low costs."

Miguel Jaramillo
Product Manager Spain

ABOUT SUNGROW IBÉRICA

Sungrow Ibérica is a subsidiary of Sungrow Power Supply Co. Ltd, the world's leading provider of inverters and solutions. The Spanish team includes those responsible for products, sales and services, with its own training center and an office in Pamplona - in operation since 2017, covering the Iberica region. Sungrow specializes in photovoltaic inverter solutions and large-scale energy storage systems, in commercial and residential applications, as well as floating PV plant solutions.