

ROOFTOP INSTALLATION SELGROS INGOLSTADT

SUNGROW
STRING INVERTER
SG110CX

Location
Ingolstadt

System
2300 x 280Wp URE-F6E280H3A
multicrystalline PV modules
solarSTEP light OW substructure

EPC und O&M
solarSTEP Energie GmbH

Capacity
644.0 kWp

CHALLENGE

The spatial conditions on the roof were limited, so a product was needed that generates high power within a small square footage. In addition, a quick, flexible and efficient installation was needed for rapid commissioning. Furthermore, the system had to be laid out to fully cover the base load. The electricity was to be consumed directly as not to place a burden on the Ingolstadt power grid by fluctuating energy injection.

SOLUTION

The SG110CX was the preferred choice. Thanks to its high output, the number of devices could be reduced. With multiple MPPTs (Maximum Power Point Trackers) and an IP66 protection class with a simple AC installation, all the technical requirements were met. The devices could be installed efficiently and quickly, thanks to the low weight and easy handling. This made Sungrow the first choice for solarSTEP. The two companies had successfully collaborated together in the past.

BENEFIT

In this project, the generated electricity is used directly for the customer's own consumption. The electricity supplied by the system is more economical than that of the local utility. The system will pay off in 5.7 years.

Sungrow Deutschland GmbH

“We are delighted to be working with our partner, solarSTEP, on installing the first delivery of our flagship product, SG110CX – perfect for rooftop installations in the commercial and industrial sector. We are pleased with the positive feedback and the existing pipeline for rooftop installations, especially in the corporate PPA segment, where we expect to see a lot of growth.”

**Moritz Rolf, Sales Director
Sungrow Deutschland GmbH**



Installation with a view



SG110CX: Horizontally mounted to save space

“We plan and install PV systems across Europe. Our focus is on rooftop installations for key accounts. We have been consistently impressed by the smooth installation of the products, as well as the on-schedule delivery. We look forward to future projects with Sungrow.”

**Enno Berner, Managing Director
solarSTEP Energie GmbH**

About solarSTEP

solarSTEP Energie GmbH is your international system partner for the professional implementation of photovoltaic projects. solarSTEP provides solutions for installation systems, planning and construction, as well as services for every aspect of the operational management, including system monitoring and support with investment decisions.

Sungrow Power Supply Co., Ltd (“Sungrow”) is a global leading inverter solution supplier for renewables with nearly 90 GW installed worldwide as of June 2019. Founded in 1997, Sungrow is a leader in the research and development of solar inverters, with the largest dedicated R&D team in the industry and a broad product portfolio offering PV inverter solutions and energy storage systems for utility-scale, commercial, and residential applications, as well as internationally recognized floating PV plant solutions. Sungrow EMEA’s headquarter is based in Munich, Germany, with local subsidiaries in Italy, Spain, France, UK, Turkey and UAE. The company has shipped more than 10 GW of PV and Storage products to key markets in the region, mostly in the utility-scale segment.

Sungrow Deutschland GmbH

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