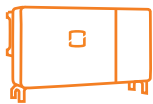


FIRST SG110CX REVAMPING



TAILOR-MADE
SOLUTIONS



SG110CX



MORE ENERGY



COST SAVING

SAVINGS AND PERFORMANCE MADE EASY: A NEW MULTI-MPPT STRING INVERTER REPLACES AN OLD CENTRAL INVERTER

After 10 successful years, the owner of the solar park in Italy decided to replace one of the original Sungrow SG100K3 central inverters with a new cutting-edge inverter.

Sungrow provided a tailor-made solution, to ensure that the new SG110CX multi-MPPT string inverter with MC4 input connectors complement the existing combiner boxes of the PV plant. This process provided an economical solution, and, simultaneously established low maintenance and easy trouble shooting of the project.

Location
Ronsecco (VC), Italy

System
Ground mounted installation
2x SG100K3
1x SG110CX

EPC and O&M
Semperlux

Capacity
300kWdc, 280kWac

BENEFITS

The overhaul was possible thanks to the installation of two special tailor-made combiner boxes with the function of separating the currents.

The current from the PV field flows via the two DC cables into the multi-DC cables with MC4 connectors of the SG110CX. The 18 DC inputs of the SG110CX are programmed to work as a single MPP tracker. **The best thing about the operation: the revamping only took 4 working hours.**

The modernization consisted of replacing the previous inverter with the new SG110CX string inverter. **The SG110CX is a smart inverter which can be connected to the internet: monitoring and O&M have never be easier!**



Sungrow's SG100K3 and the new SG110CX working side-by-side.



*"The revamping market in Italy is becoming a popular choice. To remain at the cutting edge of technology, Sungrow has adapted its inverters to **achieve flexibility and timeliness:** flexibility to adapt a new inverter to an existing plant. Since the systems are often incentivized, this process gives us the efficiency to reduce production loss due to the original, defective or underperforming inverters"*

Franco Marino
Service Manager Italy

ABOUT **SUNGROW** ITALY

Sungrow Italy is a subsidiary of Sungrow Power Supply Co. Ltd., the global leading inverter solution supplier. The company has been present in Italy since 2010 with a wide portfolio of CEI 0-21 and CEI 0-16 certified products. Sungrow Italy offers installation both for new systems as well as revamping projects, providing fast and high-quality results throughout the sales and after-sales process.

ABOUT SEMPERLUX

Semperlux was founded in 1970, with the objective of offering an efficient and high-quality service to its customers. With over thirty years of experience, Semperlux is devoted to provide its customers with "tailor-made" design solutions, planning of interventions, and their realization on construction sites.