

6,2 MW NEW PROJECT

SELF CONSUMPTION INVESTMENT



SG110CX



NEW PROJECT



PERFORMANCE

A ROOFTOP SOLUTION ESTABLISHED FOR THE INTERNAL NEEDS OF THE FACTORY.

Menderes Tekstil Corporation belongs to Akça Holding Company in Denizli, Turkey. Project's EPC, IBT solar used 62 pieces of SG110CX Sungrow inverters with 19,944 pieces of Elin brand ELNSM6612M model solar panels.

Total capacity of project is 7,88 MW DC / 6,20 MW AC. There are 4 different roofs, which each has 7 degrees of slope and orientations are east, west, south and north. 9,221 MWh/year production is expected annually.

Location

Denizli, Turkey

System

Rooftop-Mounted PV plant (new project)
62x SG110CX

Expected production

9,221 MWh/year

BENEFITS

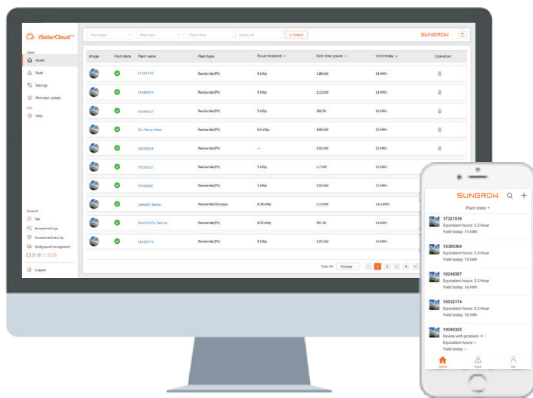
This 2021 PV installation's main goal was to produce electricity for internal use of factory instead of selling it to the grid.

The factory has a cogeneration power plant connected to TEİAŞ 31,5 kV line since 2005. However the need of cheaper electricity increased in years. This new solar energy rooftop project will provide a significant solution against increasing electricity prices over years.

Also ecological benefits will be considered as positive feedback. Using rooftop area's solar potential will be a contribution to global emission reduction.

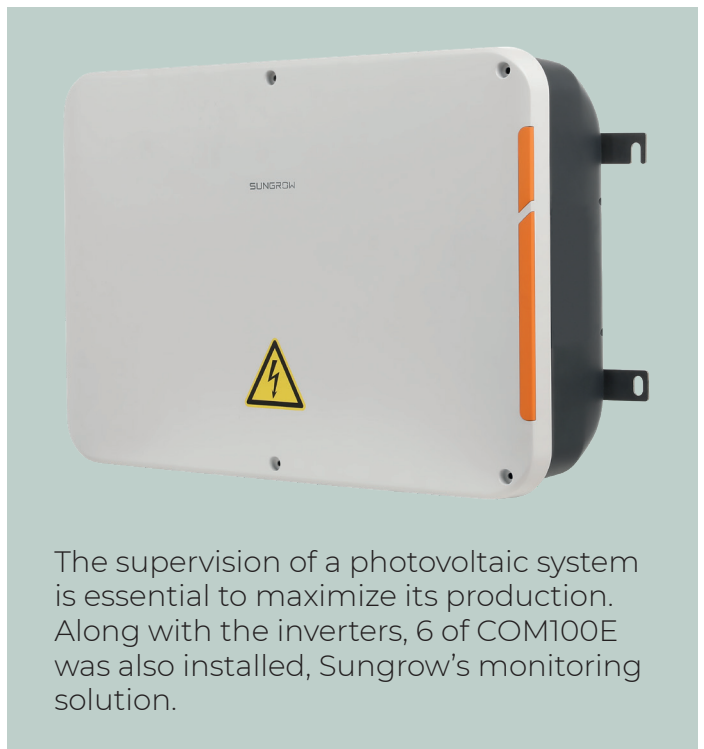


SG110CX inverters have 9 MPPTs for a total of 18 string inputs.



“We are using iSolarCloud very actively. Each hour reports are being obtained. Graphics are being viewed everyday.”

Menderes Tekstil Electrical Department



The supervision of a photovoltaic system is essential to maximize its production. Along with the inverters, 6 of COM100E was also installed, SunGrow's monitoring solution.

ABOUT SUNGROW TURKEY

Sungrow has been present in Turkey since 2016 and continues operations for both centralized and string systems, spread throughout the country in applications ranging from small residential rooftop systems to large ground mounted “utility-scale” systems.

In 2018, SunGrow Turkey continued to provide products and services with its legal entity and became a strong regional office. SunGrow Turkey is able to satisfy all installation needs both on new systems and for revamping actions, guaranteeing in all cases a fast and professional pre and post sales assistance service, also offering solutions for the BESS utility market.