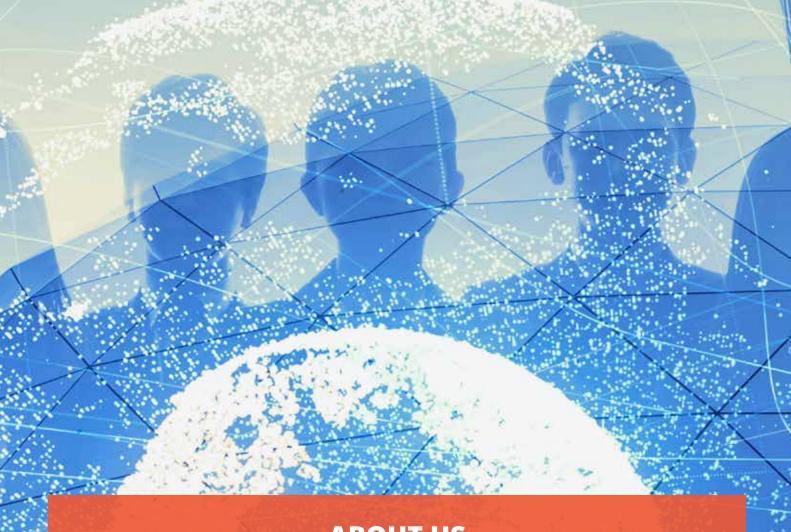






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ABOUT US

As Smart Solar Technologies, one of Europe's leading integrated solar energy companies in the fields of turnkey installation services, solar power plant investments and PV module production, we offer a wide range of solar energy solutions to commercial and retail users.

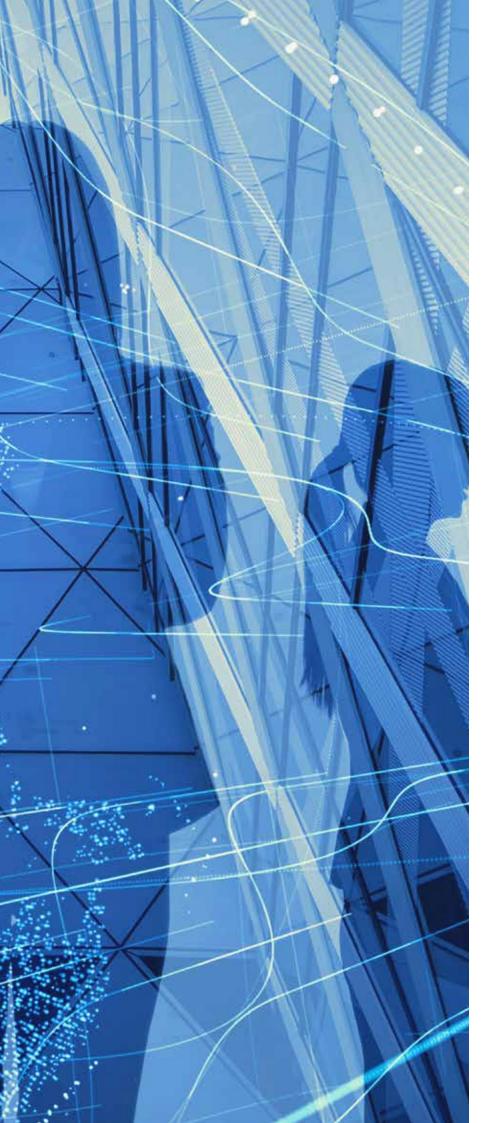
Founded in 2009 and based in istanbul, Smart Solar Technologies has been operating with its branches in Turkey, Romania, Greece, Bulgaria, Germany, Switzerland and Ukraine.

Our production facility is located on an area of 23.500 m2 in Gebze Kocaeli, Turkey. We produce high efficiency photovoltaic solar panels based on crystal silicon cells for use in field and rooftop solar plants.

High efficiency is achieved in solar panel production by using Multi Busbar, PERC, Half-Cut Cell and Bi-Facial technologies on our production lines with cutting-edge automated machinery, which have an annual production capacity of 1.200 MW. These technologies and our state of the art production facility ensure that we provide our clients with highest quality standards available in the field of standard and glass-glass solar panel production.

Smart Solar Technologies, undertakes the operation of power plants in Turkey, Romania, Greece and Bulgaria. Generating capacity of the solar power plants operated in these countries are equivalent of 100+ MW.

Our company is a solution partner with years of experience in the construction of solar power plants, most of which are large-scale installations over 500 MW on both land and rooftop.



OUR VISION

As one of the leading investment and engineering companies in the field of renewable energy, our vision is to create a company culture that will provide the best service to our customers and investors by adhering to optimum engineering solutions.

OUR MISSION

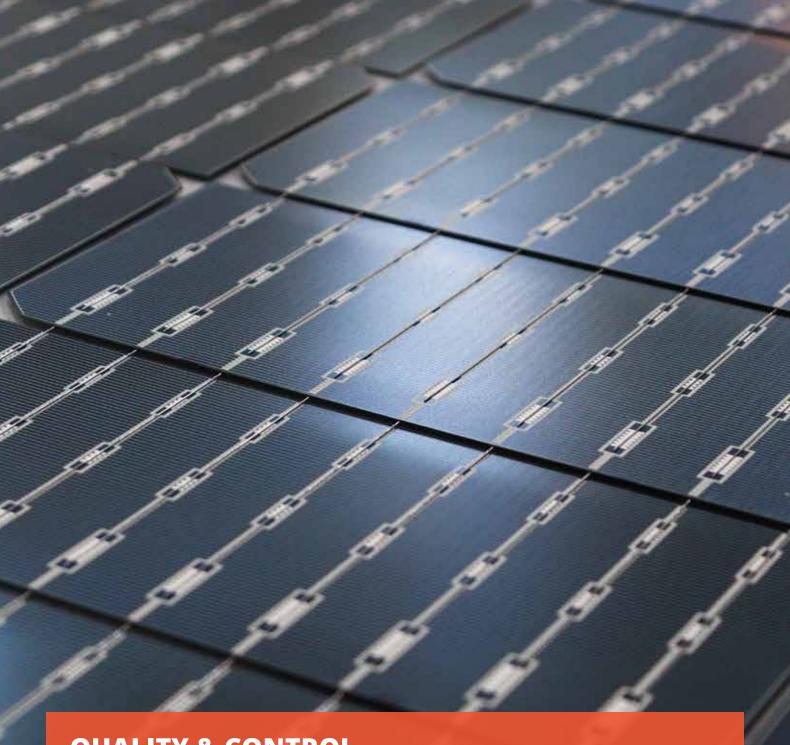
Smart Solar Technologies pursues growth and making an impact on the solar energy sector through continuous corporate development. Corporate development includes taking into account the stakeholdes values, supporting economic development through contribution to domestic production as well as creating value for our world by working towards a green planet.

PV MODULE PRODUCTION

Starting production in 2017 with an initial capacity of 420 MW/year, Smart Solar Technologies PV module production factory has increased its production capacity to 1.200 MW/year in 2022 by making new investments and adding production lines equipped with state-of-the-art automatic stations.

Aluminum framed standart Mono/Poly, PERC, Black Silicon, Dual Glass, Bifacial, MBB and Half-Cut Cell modules are produced in Smart Solar Technologies's fully automatized production facility in Gebze.





QUALITY & CONTROL

Smart Solar Technologies products are guaranteed for 25-30 years. For this reason, we place significant importance on our quality control processes in raw materials, production and shipment of products.

All our quality control processes are supervised and managed by seasoned professionals both on site and via computer systems. All our products go through various test procedures.

The entire production process from cleaning to maintenance is examined carefully and errors are minimized.



PACKAGING

Smart Solar Technologies does not only emphasize quality in its production line but also during the packaging process. Technical features of the packaging used to transfer solar panels ensures our customers to safely receive their products. The diligent quality process we employ also ensures that our solar panels remain durable and robust against adverse weather conditions.

Solar panels produced by Smart Solar Technologies are packaged specifically according to their quantity and frame type. The double box system gives an advantage before and during the installation, additionally the logistical damage risks are mitigated. Owing to the double box system, which creates an advantage during the field installation the risk of overturning the products is eliminated even in difficult field conditions.

LOGISTICS

No matter where you are based, you can enjoy hassle-free, simplified delivery at your warehouse/ project site thanks to our turn-key logistic solutions.

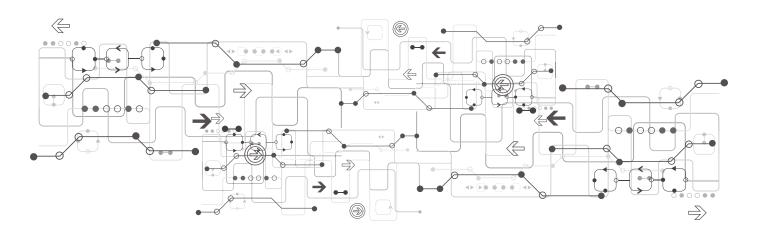




RESEARCH & DEVELOPMENT

Smart Solar Technologies established its own R&D Department in 2018, to strenghten its quality standards and employ innovative methodologies.

The company also collaborates with national and international organizations to leverage cooperation. Additionally Smart Solar Technologies owns and operates chemistry, physics and characterization laboratories. Developing various collaborations and negotiating different projects with national and international organizations, we are planning to offer a wide range of solutions to the solar power sector in the near future.





SALES SUPPORT

1. Shipment Process

Smart Energy follows the agreed shipping schedule with its customers. Based on the project information, the project details are shared with the related units and proceeded in a coordinated manner throughout the process which begins with the preparation of a shipment order. While sending the shipments from our factory, climatic and geographical conditions of the fields or rooftops are taken into consideration.

2. Order Tracking and Control

Smart Energy meets customer demands quickly and efficiently. Prior to the product delivery; order, label, quality, quantity/ power and address are checked meticulously. Through our QR barcode system, product location can be followed easily and the clients are regulary informed of the delivery status.

3. Customer Satisfaction

In order to maximize customer satisfaction, Smart Solar Technologies follows up with its customers on a regular basis even after the delivery of orders. Customer communication and feedback is ensured under the scope of guarantee.







BIFACIAL HALF-CUT CELL MBB MODULE 450-460W

MonoPERC

Anti - PID

Current Classification Increases production power in

PV plants

Better Shading Tolerance

More Reliable

Low hot-spot effect



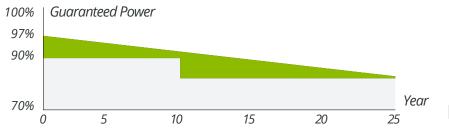
More Power

Low temperature coefficient (Pmax): -0.35%/°C



25 Year Warranty

12 year product warranty 25 year linear performance warranty



12 year product warranty

25 year linear performance warranty

Industry Standard

Smart Solar **Technologies**













MONOFACIAL HALF-CUT CELL MBB MODULE 450-460W Monoperc

Anti - PID

Current Classification
Increases production power in

Better Shading Tolerance

More Reliable

PV plants

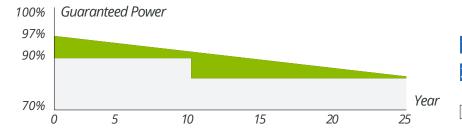
Low hot-spot effect

More Power

 Low temperature coefficient (Pmax): -0.35%/°C

25 Year Warranty

12 year product warranty 25 year linear performance warranty



12 year product warranty

25 year linear performance warranty

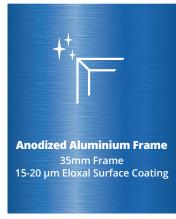
Industry Standard

Smart Solar Technologies













MONOFACIAL HALF-CUT CELL 10BB MODULE 530-550W MonoPERC

Anti - PID

Current Classification

Increases production power in PV plants

Better Shading Tolerance

More Reliable

Low hot-spot effect

Mor Mor

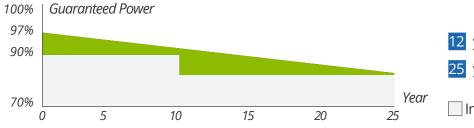
More Power

• Low temperature coefficient (Pmax): -0.38%/°C

⊘

25 Year Warranty

12 year product warranty 25 year linear performance warranty



12 year product warranty

25 year linear performance warranty

☐ Industry Standard

Smart Solar Technologies





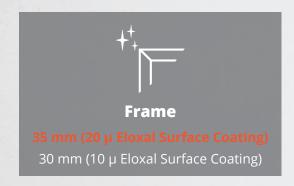




KEY QUALITY ASPECTS



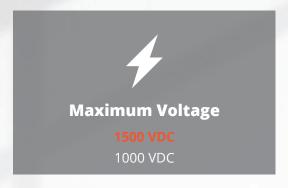
Industry Standard















INVESTMENTS & PROJECTS

Smart Solar Technologies started its activities in the southeastern Europe in 2009. Smart Solar Technologies had great accomplishment in a short period of time thanks to the success of its signature projects and positioned itself among the leading service providers for the solar energy sector. Smart Solar Technologies is not only an engineering company but also acts as an investor which allows our customers to get knowledge of the whole process from the firsthand. Smart Solar Technologies offers high-quality, innovative and reliable services with strong engineering know-how while using its own experience to better understand the needs of the customer and to resolve the issues even before they occur.

Investments of Smart Solar Technologies as of the first half of 2022 have reached to;



With our highly motivated and experienced team, we design optimum efficient systems with a high level of attention to detail during system design. We have implemented these systems by using TIER-1 materials from metal construction to solar panels and inverters, and in this way, we have achieved higher production figures than predicted

As the rapidly growing and developing Smart Solar Technologies family, we have been awarded with the "Solar Champion" seal by jF4S - Joint Forces for Solar thanks to our success, quality and understanding of service excellence. We were also deemed worthy of the "Best PV Europe Brand" certificate in the EPC category.

ENGINEERING SERVICES

Smart Solar Technologies is aware that each and every stage in solar power plant investments from feasibility to design and construction is critical and needs to be handled accordingly as a result of its strong engineering know-how and extensive experience gained during previous investments and operations.



PROCUREMENT The close relations established with the manufacturers and the experience gained during the previous installations means that Smart Solar Technologies is well positioned to obtain the products and the services as well as being capable of running logistic operations smoothly. Smart Solar Technologies realizes that a chain is only as strong as its weakest link, so special attention is paid to the material selection for reliability and endurance. Smart Solar Technologies follows the world's leading trade fairs, conferences, technology institutes and test reports of the laboratories for all the system constituents culminating in significant know-how in solar module technologies, inverters, transformers, efficient cabling, and low-loss electrical system design. Smart Solar Technologies leads the service sector by pioneering the use of innovative technologies in its own solar power plants and serves as an example by demonstrating the highest quality standards.



CONSTRUCTION

Smart Solar Technologies is well known in its sector for succesfully and effectively completing projects even in the most hostile terrains and unlikely circumstances. Site preparation, infrastructure, construction, installation, commissioning and acceptance procedure stage is completed with carefully selected components compatible with terrain features and the first quality craftsmanship by the professional team. Smart Solar Technologies has demonstrated its expertise by setting up and commissioning 12 solar power plants within the power range of 100 kW to 5.2 MW in a period of three months in Bulgaria. 57 solar power plants within the power range of 70 kW to 100 kW were set up and commissioned in a period of 50 days in the Greek islands. We are capable of bulding a capacity of 100 MW PV plant within a period of 6 months.

OPERATION & MAINTENANCE

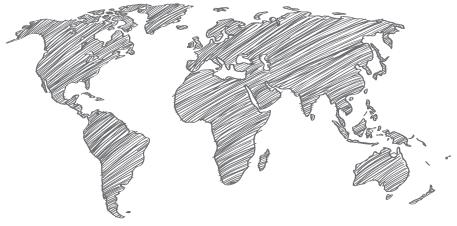
O&M services are crucial for operating solar power plants efficiently. For this reason, Smart Solar Technologies undertakes the responsibility for plant insurance, operation and maintenance both during the construction and installation phases to guarantee the best perfomance for the customers. Smart Solar Technologies's professional field teams manage solar power plants effectively. All sort of management and operations fall under our services from the periodic maintenance of the durable equipment to the solar panel cleaning, from online production monitoring to immediate problem analysis and solution.

O&M REGIONAL OFFICES

Konya - Kayseri - Şanlıurfa - Diyarbakır - Adana - Batman

O&M IN EUROPE OFFICES

Sofia/Bulgaria - Bucharest/Romania - Thessaloniki/Greece Kyiv/Ukraine - Cologne/Germany - Zurich/Switzerland





FINANCING

Smart Solar Technologies is dedicated to provide the best services to its customers in each step. In this respect, Smart Solar Technologies prepares the detailed financial projections to be presented to the banks and assists both the customers and financial institutions in figuring out the most appropriate financing options. Smart Solar Technologies is a well-known and reputable investment and engineering company providing a unique experience for its customers through collaboration with the leading financial institutions and the insurance companies.

Some of the financial institutions Smart Solar Technologies works with;

















































TOP NOTCH ENGINEERING & MANAGEMENT TEAM

Smart Solar Technologies does not only contribute to meet the energy demand by utilizing environment friendly solutions but also helps improve Turkish engineering capabilities. Smart Solar Technologies exports engineering and products instead of simply buying equipment from abroad and the company's capabilities in this respect grow day by day.

Our expert team keeps up to date with the latest technological developments, new design and materials by adding to their already extensive know-how. Smart Solar Technologies aims to meet a wide range of needs in the solar power industry locally and internationally through effective and long-lasting solutions.

EXPERIENCED MANAGEMENT AND VALUE ENGINEERING TEAM

2.000 MW+
INTERNATIONAL PV PARK
EXPERIENCE WITH PHONO SOLAR

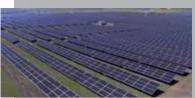
ÇALIK ENERJİ

Çalık Denim Rooftop SPP 957,00 kWp



DOĞAN ENERJİ Türkiye - Land SPP

24.690,00 kWp



UCK

Türkiye - Land SPP 71.300,00 kWp



SENA KABLO

Sena Kablo Rooftop SPP 853,00 kWp



DAIKIN

Daikin Rooftop SPP 5.784,00 kWp



AKFEN

Türkiye - Land SPP 21.201,00 kWp



RODOS

Greece - Land SPP 99,36 kWp



KERPE

Greece - Land SPP 69,12 kWp



CEF MALU

Romania - Land SPP 1.800,00 kWp

CHERNÍ VRAH

Bulgaria - Land SPP 3.100,00 kWp





ARISU Türkiye - Van - Land SPP 55.568,23 kWp



RA SPP Türkiye - Mardin - Land SPP 10.889,76 kWp



BİNGÖL Türkiye - Bingöl - Land SPP 22.641,80 kWp



KFC GIDA Türkiye - İzmir - Rooftop SPP 316,80 kWp



TOSYALITürkiye - Osmaniye - Rooftop SPP
9.924,17 kWp



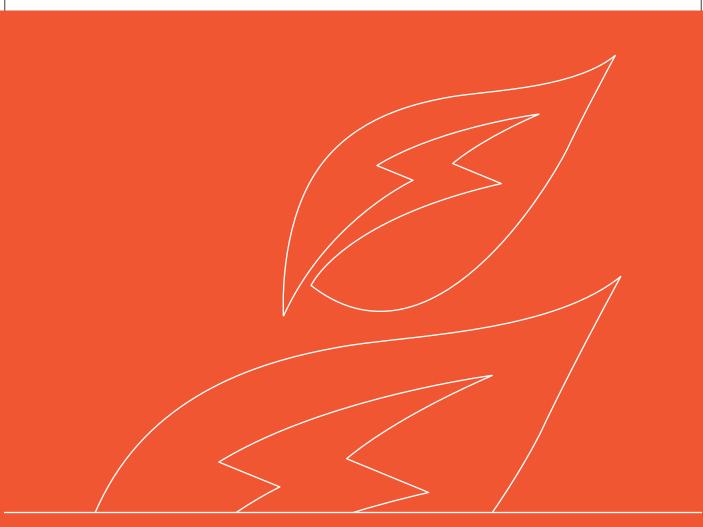
SİVEREK Türkiye - Şanlıurfa - Land SPP 18.119,25 kWp



ALPCANSIN Türkiye - İstanbul - Rooftop SPP 66,88 kWp



AKSARAY Türkiye - Aksaray - Land SPP 11.617,76 kWp



SMART SOLAR TECHNOLOGIES HEADQUARTERS

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P: + 90 216 225 72 00 **F:** + 90 850 305 06 10

GEBZE SOLAR MODULE FACTORY

Gebze Industrial Area, Tembelova District, 3200 Street, No: 3207 Gebze/Kocaeli - Türkiye **P:** + 90 262 673 71 00 **F:** + 90 262 673 71 03

BULGARIA	GERMANY	GREECE	ROMANIA	SWITZERLAND	UKRAINE
35 Nikola Vapstarov Blvd., 3rd Floor Sofia - Bulgaria	Luxemburgerstr 96, 50354 Cologne - Germany	Riga Fereou 3, 55134, Thessaloniki - Greece			Novovokzalna Street 3, 03038 Kyiv - Ukraine



