



ABOUT US

AZUR POWER was established in 2016, Istanbul Tuzla Free Zone as a subsidiary of 100% Turkish state owned by Azure Grup of companies to produce solar cells, solar modules jenerators, Online UPS & Batteries. Azur Power has annual solar module production capacity of 1,2 GW.HT Solar Energy supplies solar modules to Turkey, USA, Europe and Middle East Market.

Azur Power is a member of PV Cycle and was included in the ISO 500 list 2019. Since its inception, we have supplied solar modules approximately 700 MW to Turkish market and globally more than 1,4 GW. Having with its financial structure, high capacity and high quality production, Azur Power will continue to supply solar modules to Turkey and abroad projects in every year.



► **Production:**

We only manufacture and offer solar modules, inverters, installation systems and all other products with high quality standards, we have integrated into our structure. Contact us today and experience the "Azur Power" to produce more energy while enjoying products with longer lifetime.

► **Supply:**

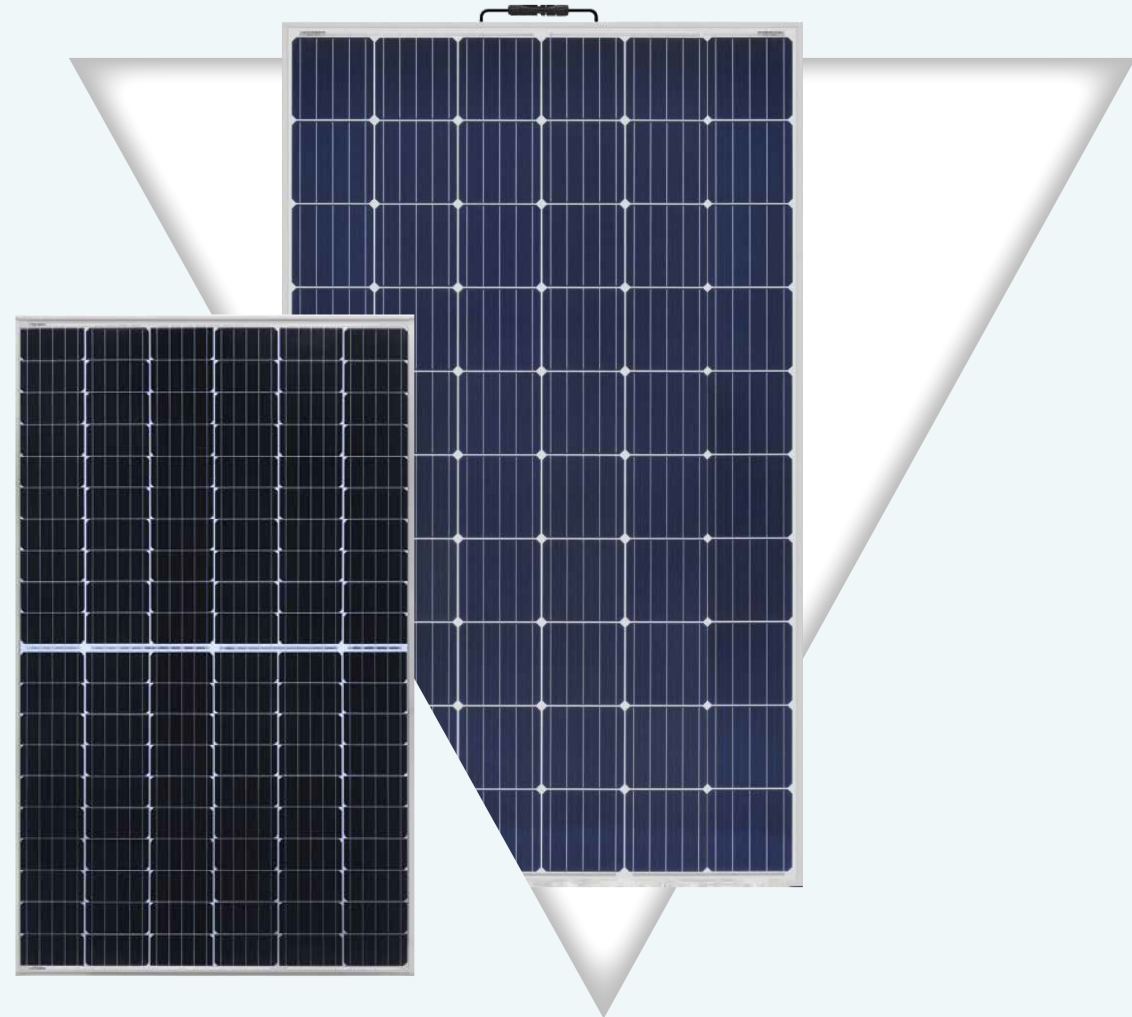
Feel free to contact us for all products which are necessary for the implementation of your solar project, irrespectively of the size. Gladly, we would not only advise you to purchase the right products, but also support you until completion of your project, thus creating financially favorable projects with maximum efficiency.

► **Exploration:**

A good exploration is the fundamental condition for proper planning and a successful project implementation. With our team of experts, we analyze all conditions of the project location and offer you an extensive analysis (scouting report) covering all important factors and highlighting those who need a revision. For the latter, we - as Azur Power are always available for our customers and willing to support you on this matter as well. When the preconditions for the project are set up at the chosen location, we can begin with the project and its implementations.

► **Planning:**

With our team of experts, we go through our projects in all details and offer our customers the most effective solution both from a commercial and a social view.



► **Project Preparation:**

According to the disclosures received from the plot analysis and planning, our next task is to prepare the project. Hereby, the following points are crucial: static structure, stability, conditions of the chosen territory, wind resistance of the fastening system, snow load, etc. Based on the disclosures, we would then choose adequate products and optimize the project with the help of an internationally renowned solar simulation software. Eventually, we will prepare a report presenting an analysis of the predicted power generation in the next 25 years, financial analysis, recovery tables and more.

► **Finance:**

For midsize and large projects, we will support you not only with the supply of products and installation, but also with the financing. Depending of the size of your project, we offer credits with low interest rates, supported by the state and based on agreements with selected banks. Also, we as Azur Power can offer the financing of your project.

► **Application and Follow-up Counseling:**

Please note that we are able to manufacture our products according to your specific requirements. However, if you apply for a solar project, this is how we can support you:

- Preparation of the technical data and details of the project,
- Technical project drawings,
- Analysis of the chosen location and its qualification,
- Solar panel production according to our own or project specific standards,
- Application3,
- Follow-up,
- In the event of acceptance of your application we assist you to answer all questions related to the solution,
- Advice during all processes.



► **Security Systems:**

For your PV Project it is important to pay attention to the following security details:

- The project area should be surrounded by a wire fence,
- Establishment of a camera surveillance system,
- Isolation of DC and AC cable connection points,
- Keeping away wild animals from the system,
- If necessary use of pesticides.

► **Technical Service and Maintenance Agreement:**

We offer favorable maintenance contracts for 5 or 10 years with reasonable price options.

► **On-Grid Solutions:**

Solar On-Grid Solutions are connected and synchronized to the national grid. Consequently, generated solar energy can only be used if it is consumed immediately. If more energy is generated than consumed, the excess will be sold to national grid (Depending on your country's guidelines). On the contrary, if more energy is consumed than simultaneously generated, the balance is obtained from national grid. Using a bidirectional electricity meter, both the energy sold as well as balance electricity obtained from national grid will be registered. Consequently, everyone who uses electricity can save significantly on their electricity bills with our On-Grid Solutions.

► **Off-Grid Solutions:**

Solar Off-Grid Solutions are not connected to national grid and generate the required energy from the sun. Excess energy which is not consumed instantaneously, is stored in a battery-bank for usage during periods of low sun irradiation. Consequently, it is crucial to design and install solar off-grid solutions professionally, for which the power consumption of each device has to be analyzed well. Alternatively, generators can be integrated into our Solar Off-Grid Solutions assuring the most cost efficient, clean, affordable and continuous power supply independent of the national grid, to refinance the investment within short time.

► **Solar Powered Irrigation Systems:**

Solar powered irrigation systems offer low-cost, durable and ecological solutions, especially in areas without access to public power supply. The water pump powered by solar energy can pump water out of a depth of up to 300m. Unlike generator-based systems, solar powered irrigation systems do not cause any operational cost such as refueling or maintenance. With our solar irrigation packages, we offer practical and quick solutions for all kinds of water supply according to your needs.

► **Led Lightning Systems:**

Today, as fossil fuels run out and the global climate weight is badly damaged, energy savings as a strategic initiative become essential. However, illumination systems, which are currently used throughout the world, consume too much but our LED lighting systems can make significant savings and provide additional ecological benefits making their use anywhere on the world a "must". At Azur Power we offer LED lighting systems powered by solar energy and / or through public power supply.

► **Solar Powered Camera Systems and Signages:**

Solar solutions provide reliable and affordable electricity wherever it is required and are thus essential for crucial appliances for security such as CCTV and other camera systems and signages. Particularly for public surveillance or accident prevention on motorways, in areas without access to electric grids, Solar Powered Camera Solutions and Signages are the most reliable, easy and cost-effective solution.

Azur power is an European brand which manufactures a wide range of high technology Uninterruptible Power Supplies and power quality products from 650VA up to 8MW.

Our product range varies from Static & Dynamic Uninterruptible Power Supplies, Servo & Static Voltage Regulators to Renewable Energy Products, DC Power Supply, Telecom Equipments, Battery Chargers, Inverters and Datacenter Solutions.

Azur Power products provides clean and uninterruptible power for various applications from Personal computers to IT, Medical, Telecom and Industrial Applications.

Azur Power keeps investing in production system and improves productivity through the constant control of all processes and development of new technologies in order to achieve its commitment to provide complete energy solutions that guarantee power quality for all kinds of critical applications.

Online UPS :

10 – 1000 kVA

10 – 120 kVA

80 – 200 kVA

1/2/3 kVA

6/10 kVA

10/15/20 kVA

10 --2080 kVA

650 – 2000 kVA

1 – 2 – 3 kVA

6 – 10 kVA

1 – 2 – 3 kVA

6 – 10 kVA



Modular UPS : 10 – 2080 kVA

Dynamic UPS: 400 – 2000 kVA

Line Interactive UPS: 650 – 2000 kVA, 650 – 2200 kVA

Voltage Regulator : 10 – 2000 kVA (Static Voltage), 1 – 3000 kVA (Servo Voltage)

Battery Charges : 12/24 VDC : 10 A – 300 A

Frequency Converter : 10 – 1000 kVA

Batteries : 12V 4.5Ah-200Ah AGM VRLA BATTERY

- ▶ Home & Small Office solutions
- ▶ Medical solutions
- ▶ Data center solutions
- ▶ Industry solutions
- ▶ Emergency solutions
- ▶ Transportation solutions



Azur Power is an European brand which manufactures a wide range of high technology uninterruptible power products from 1kVA up to 6,4MW, Diesel Generator Sets from 10-2500 kVA, Static & Dynamic Uninterruptible Power Supplies, Servo & Static Voltage Regulators to Renewable Energy Products, DC Power Supply, Telecom Equipments, Battery Chargers, Inverters and Datacenter Solutions.

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Diesel Generators

By Power

- 0 – 100 kVA
- 101 – 200 kVA
- 201 – 400 kVA
- 401 – 900 kVA
- 901 – 1500 kVA
- 1501 – 2500 kVA

By Engine



Genuine spare parts which are fully produced or imported with high material quality and fully meet the specifications of the generator set will extend the life of your generator. To keep your Generator running for a long time and get high performance, you can always choose original spare parts so that you can protect your generator with safe quality materials.

Imitation spare parts may be cheaper than their originals, but they are not compatible with the generator, so they are not compatible with your generator and they create a serious danger and costly problems during use. Spare parts without the quality and reliability of imitation spare parts manufactured without going through quality tests and with low material quality can be dangerous.

All original spare parts requirements of your generator set can be obtained from Azur Power Generator Headquarters and Authorized Service Centers.

We use automatic surface cleaning including acid washing to clean our canopies, and all of our canopies are made of galvanized metal sheets. The painting is done by nano technologic electrostatic powder coating technic with DIN EN ISO 9227 salt spray certificate and it is durable against rust. By standard, Azur Power produces canopies between 10 KVA to 2500 KVA with different canopy dimensions. Depending on the demands of customers; sound barriers inside canopies, high capacity fuel tanks (internal or external), the particular type of canopies which can be designed allowing the air out from the top or front can be manufactured.

In canopies, high levels of sound muting type of silencers are located in an isolated area to insulate heat which includes exhaust pipes and exhaust itself. On canopy walls; ISO certificated, heat and sound absorbent inflammable type of sponges are our standards. According to customers' demands, to achieve lower sound levels, Rockwool with perforated sheet metals can be used.



Azur Power In Numbers

www.azurpower.com



141.900 mWh

Annual 141,900 mWh Power Production



320.000 Piece

Production of 320.000 Solar Panels per year



6.000 m² Area

6000m² Closed Area



178 Workers

Full capacity production with 178 employees.



Power for Generations

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