

# Orion Solar Energy





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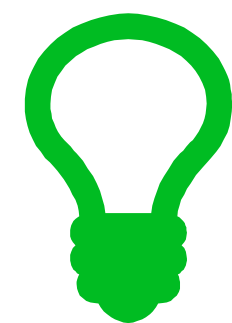
## **Contacts**

How to reach us



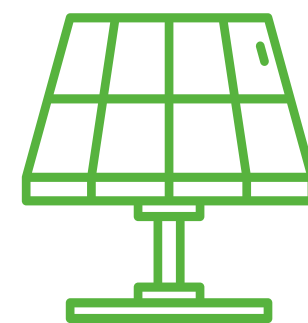
# About Us

**Orion Solar Energy** is Bulgarian company, specialized in engineering, procurement and construction of small, big and large-scale photovoltaic power plants within the European Union. Highly experienced team with a proven track record from 2015 is the foundation of our success.



**60 MW+**

Installed Capacity



**200+**

Projects Completed

[View more](#)



**200+**  
Happy  
Customers

# Our Mission

Ensuring everyone has access to clean and affordable energy from renewable source

- **Circular economy**
- **Sustainability**
- **Carbon neutrality**

This is not only terminology for us. We work towards these goals and endorse everybody for the same, because we simply do not have Planet “B”.





# Our Vision



## Leader In Renewable Energy Sector

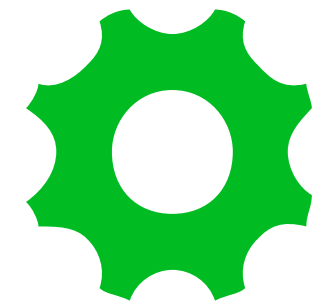
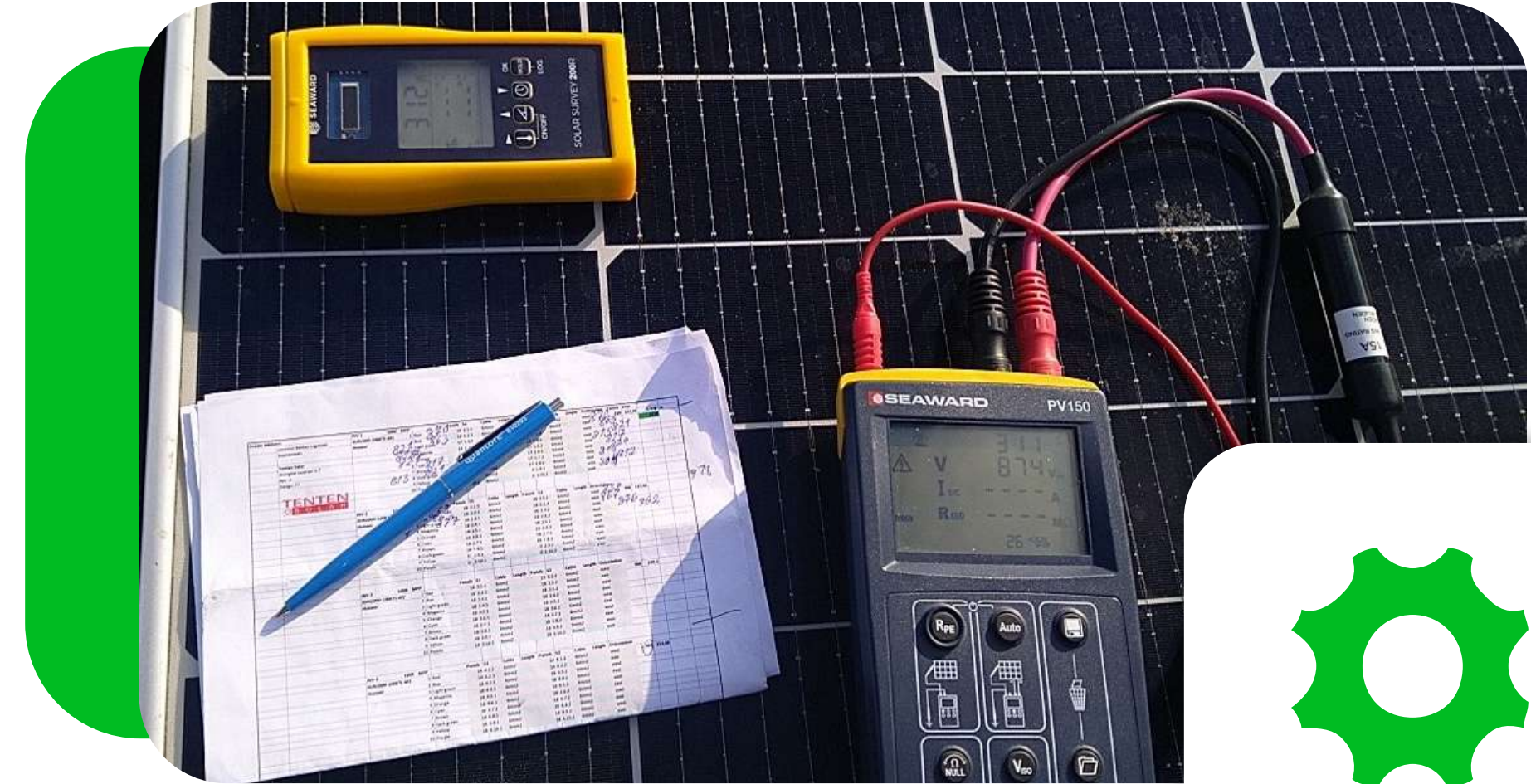
We aspire to get leading positions and to become a household name in renewable energy sector within the EU, providing the most efficient & innovative solutions to our customers along with highest quality performance

# Our Services



## EPC

Covering the whole process starting from engineering & design of PV project, selection of active equipment, mounting system and ending with delivery & installation



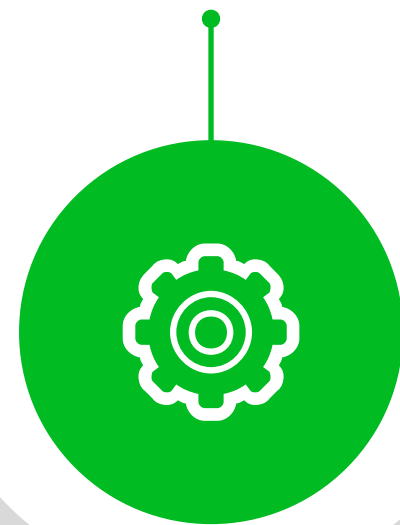
## Operation & Maintenance

We offer after sales services such as prompt troubleshooting, remote monitoring of your system, inspection and maintenance

# Steps of Cooperation

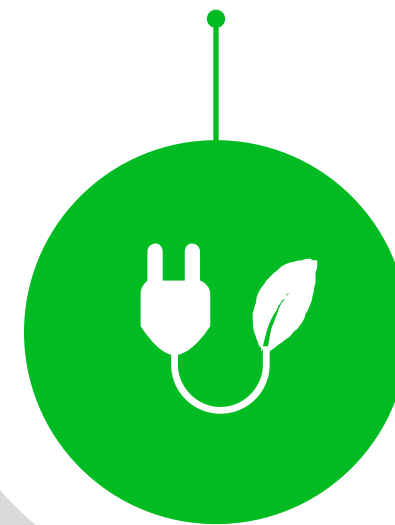
## Site Inspection

Identification of customer energy needs (self consumption/ sale), type of PV construction



## Construction & Electrical Engineering

Design of PV power plant by our engineers



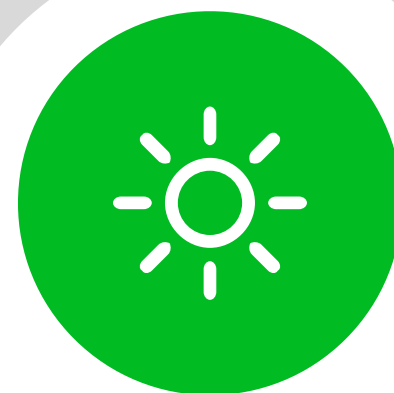
## Installation and Launching

Full installation, wiring and launching of PV system



## Documentation

Preparation of state and local municipality required documents



## Procurement of active equipment

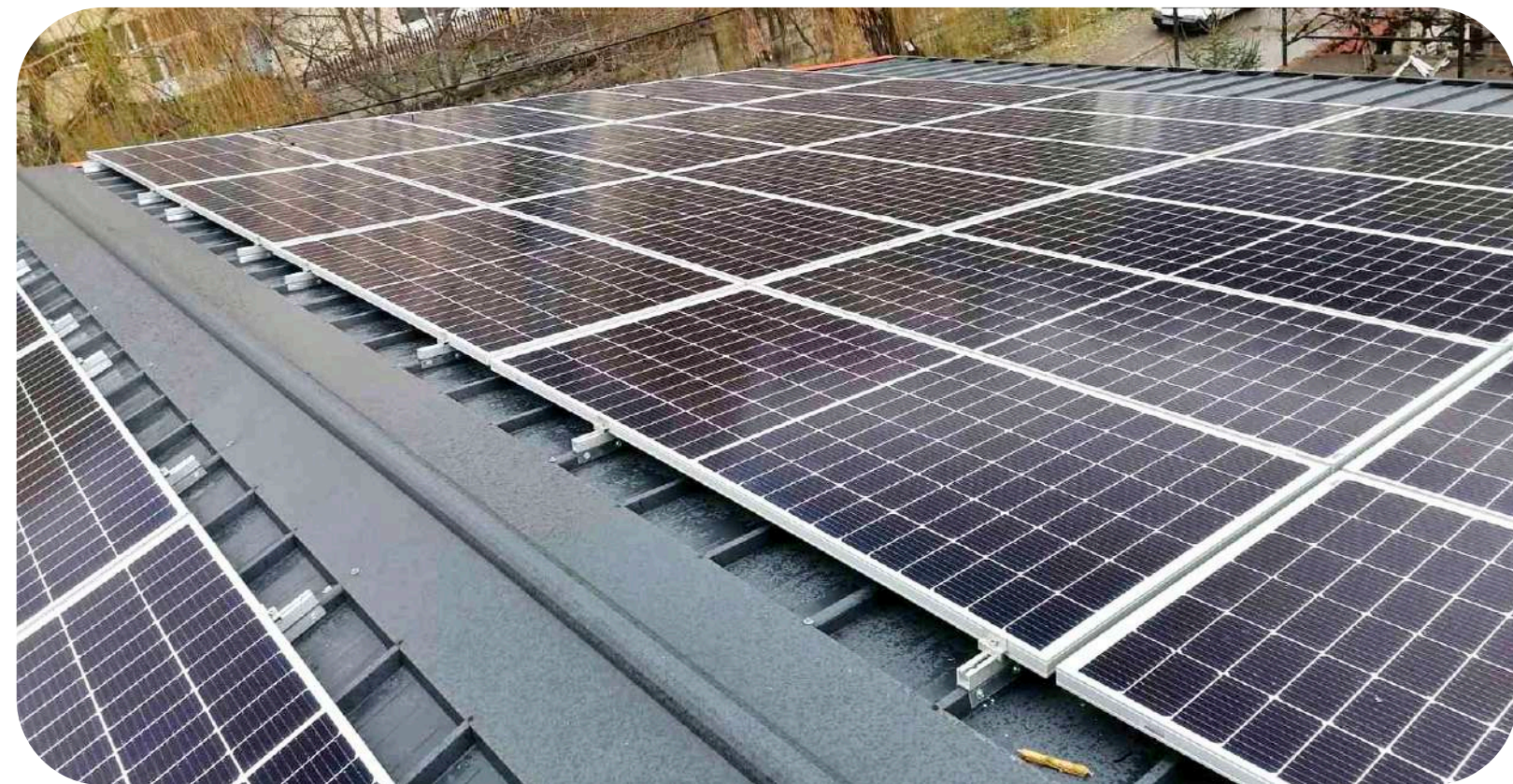
Procurement of PV modules, inverter and production of mounting system elements



# Types of our mounting systems

## Railless tin roof mounting structure

Solar panels are attached directly to aluminium parts connected to the bolts/screws going into the roof



## East-West flat roof mounting system

Ballasted flat roof mount utilizes the weight of concrete to ensure the system stands all kinds of external forces



## Triangle mounting system

The triangle system is suitable for nearly all types of flat roofs, providing more efficient energy production



## Rail Mounting System

Each solar panel is attached to the rail. The rail-based design provides stiffness, reducing ballast requirements and roof loads.



## Ground mounting system

This type of mounting structure allows multiple rows of modules to be installed on the ground



# Modules

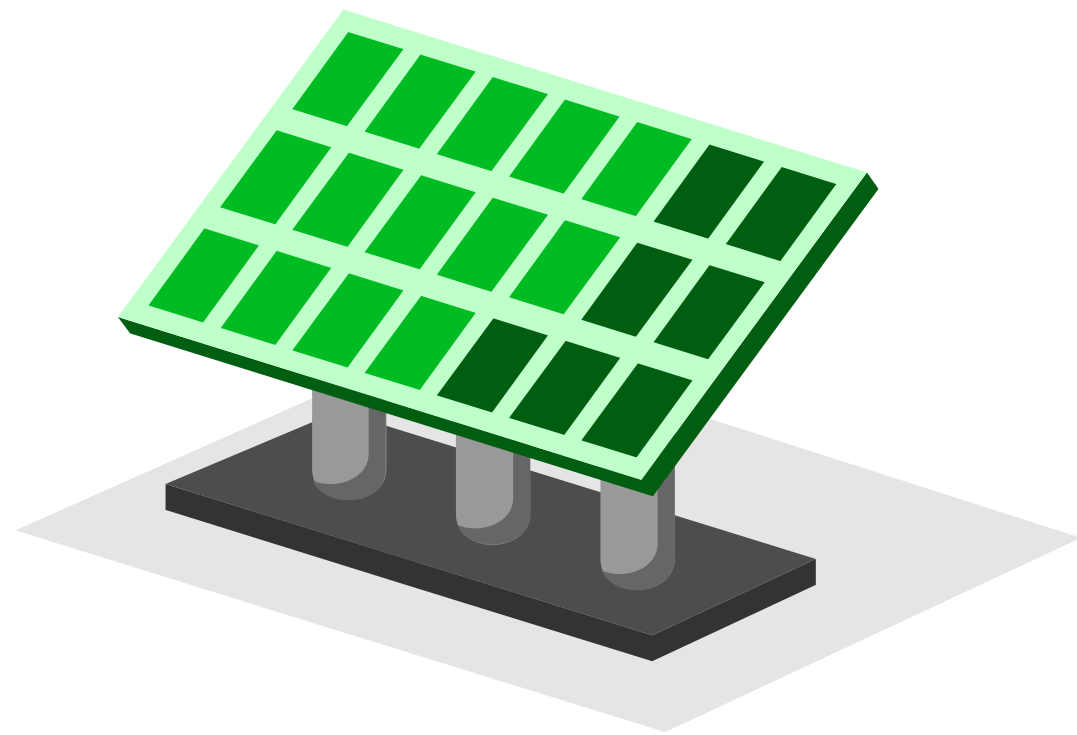
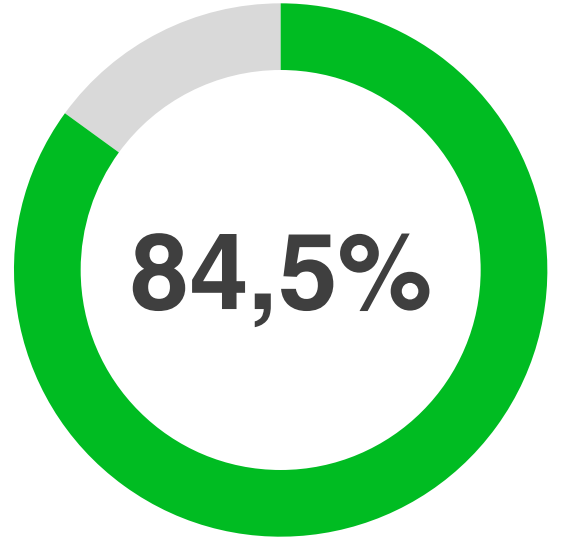


**Longi Solar**

545 kWp

LONGi leads the solar PV industry to new heights with product innovations and optimized power-cost ratio with breakthrough monocrystalline technologies.

Efficiency after 25 years Product Warranty



**Astroenergy**

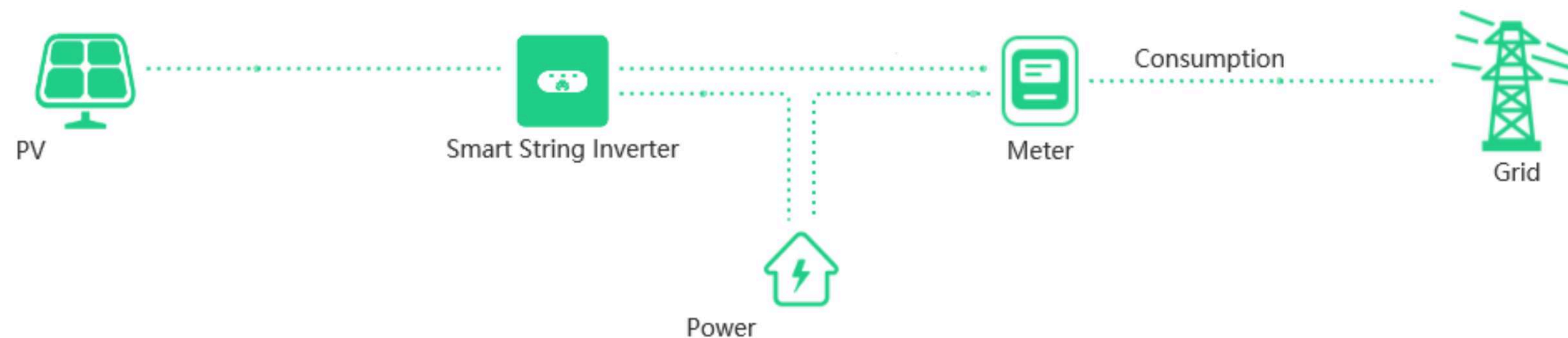
540 kWp

Astronergy is currently one of the largest domestic PV power generation enterprises with 5000 MWp module production capacity.

# Smart String Inverter



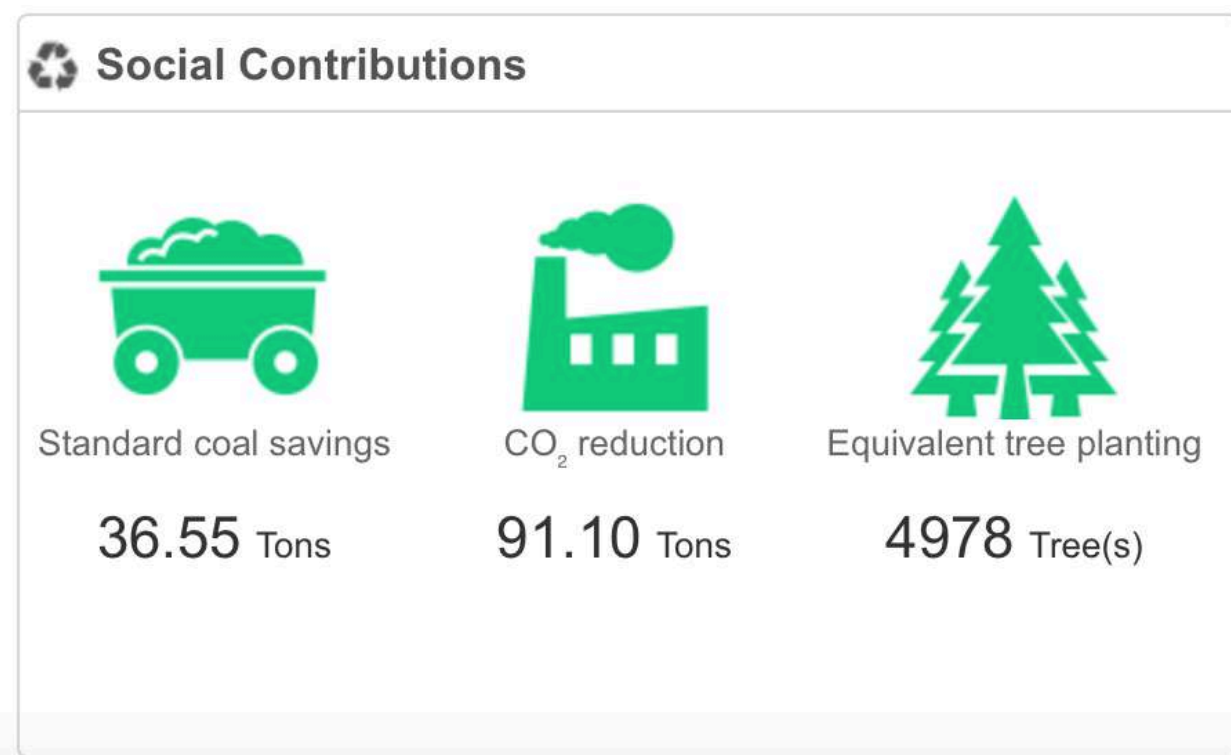
- 30/60/100/215 KTL options
- 5 Year Warranty & opportunity for extension
- Smart PV Management System for performance monitoring



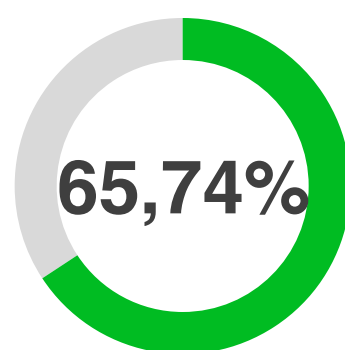
# Monitoring

## Smart PV Management System

We provide the software and application access, so you can monitor your PV system's daily energy production and the percentage of self consumption coverage.



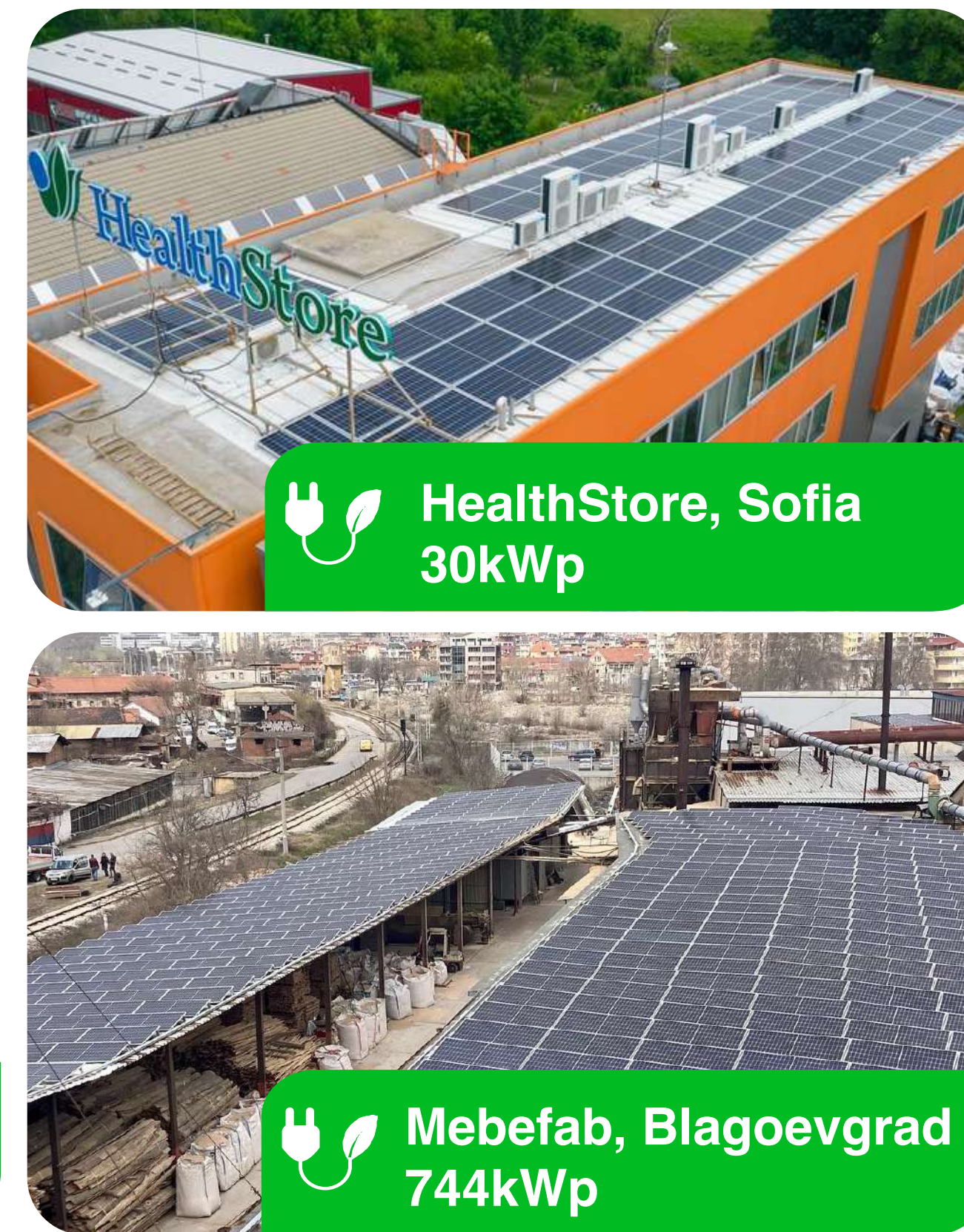
### Self-consumption



The client: Mebelfab, Blagoevgrad  
19.06.2020

# Projects

During 2020-2023 we accomplished more than 200 projects in Bulgaria, Hungary, Germany and the Netherlands both as the general contractor and subcontractor



# Projects



 Jam&Jam, Plovdiv 300 KWp



 Drachten, The Netherlands 2 MWp



 ILEA M (HER BEBE), Sofia 100kWp

 JD Invest, Haskovo 2 MWp

# What Our Clients Say



## RECOMMENDATION LETTER

To whom it may concern:

My name is Nikola Vodenicharov, I am the owner of Nikan Bulgaria Ltd, specialized in electrical design with extensive experience in the field.

I have had a pleasure working with **Orion Solar Energy Ltd** on my 30 kWp photovoltaic power plant with 410 Wp modules and 33 KTL-A inverter.

I have found them to be extremely detailed and diligent in their approach to PV construction from start to closing of the project. I would like to highlight the great organization and quality of the job that has been done ahead of time. The owner was always responsive regarding any questions and kept me informed of the progress.

I will gladly work with **Orion Solar Energy Ltd** further and recommend the team to everyone who wishes to undergo a PV construction project.

Sofia, Bulgaria  
12.01.2021

  
/eng. Nikola Vodenicharov/  


Sofia, Mladost 4, Business Park Sofia building 7, entrance B, Groundfloor, mob. +359878520345



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Tel.: +359 2 422 41 52, office@solarpro.bg, www.solarpro.bg

## RECOMMENDATION

To whom it may concern:

The management of **Solarpro Bulgaria** would like to express its satisfaction for the collaboration with **Orion Solar Energy**, which is a company in the field of development, construction, wiring, installation and management of photovoltaic power plants.

During our working process, Orion Solar Energy was hired as a subcontractor of Solarpro Bulgaria for the electrical works of 3,7 MWp photovoltaic power plant in Razlog, Bulgaria.

All the required working tasks were successfully accomplished in a timely manner, furthermore the team provided professional solutions to specific situations on the project. Based on our observations, the workers of Orion Solar Energy are very dedicated to their work and ready to help whenever needed.

Overall, we are pleased with productive and smooth communication, qualified staff and equipment, swift and effective way of work from the team.

We recommended their services, because we consider **Orion Solar Energy** as a trustful Partner.

Sofia, Bulgaria

11.01.2021

  
Dimitar Nedkov  
  
/Executive Director

## ПРЕПОРЪКА

Препоръчваме екипът на **Орион Солар Енерджи ЕООД**, за проектиране и изграждане на фотоволтаични централи.

Използвахме техните услуги през лятото на 2020г. когато те проектираха, доставиха активното оборудване и изградиха наш ФТЕЦ с цел продажба на енергията до 03.2036 на преференциални цени от 198лв/Мвтч. Всички дейности бяха извършени, както бяха проектирани в електро и конструктивният проект и в срок.

Професионален подход към всяка една фаза на проекта. Екипа беше винаги готов да асистира с административната част и имахме достъп до всякакъв вид информация нужен за успешното изпълнение и старт на централата.

Препоръчваме сърдечно техните услуги и квалифицираме **Орион Солар Енерджи** като партньор, на който може да се доверим.

Благоевград, България  
08.02.2021

VASILKA  
DIMITROVA  
GEORGIEVA  
  


ВИВА Солар СГ ЕООД гр.Симитли ул. Октомврийска №45, моб..+359885923237

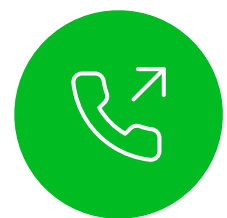


# Contact Us



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