



# Croatia Solar Irrigation System





## Overview

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Solar panel manufacturer Luxor Solar reports growing demand for solar irrigation systems in Croatia. Recently another PV powered watering system was installed for a 50 hectares cherries plantation in Ninski Stanovi.

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A 90.75 kW PV installation with solar modules from Luxor powers water pumps to irrigate an orchard in Kneževi Vinogradi. Return of invest is 5-6 years without subsidy. Solar panel manufacturer Luxor Solar reports growing demand for solar irrigation systems in Croatia. Recently another PV powered.

In the past decade, SOLARIS PONS Group built the largest number of solar power plants in the Republic of Croatia. There are numerous examples in the public and private sector: general hospitals, health centers, schools, kindergartens, production facilities, industrial halls, shopping centers and.

Croatia's new Spatial Planning Act was passed in June 2023, recognising the term agrisolar for the first time, and defines areas for its application. By utilising agrisolar farms on just 1% of the total available agricultural land in Croatia, which amounts to approximately 1,000 hectares, we can.

Agrisolar power plants installed on only 1% or 1,000 hectares of total available agricultural land in Croatia could produce 1,000 GWh of green electricity a year, according to the Study on the potential of using solar energy in the agricultural and freshwater aquaculture sectors in Croatia. The.

Luxor Solar GmbH, producer of high-performance solar modules with German engineering standards, has delivered a 90.75 kWp solar system to Croatia. The produced electricity is used to power pumps for an orchard irrigation system. The installation was realised together with a strategic project.

Geographical Location: Croatia is located in Southeastern Europe, along the Adriatic Sea, bordered by Slovenia, Hungary, Serbia, Bosnia and Herzegovina, and Montenegro. The country features a long coastline, sunny islands, hilly inland



terrain, and dense urban development in cities. This.



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Agrisolar power plants installed on only 1% or 1,000 hectares of total available agricultural land in Croatia could produce 1,000 GWh of ...

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In the absence of a water supply, an electric motor pump can draw water from a nearby source and fill the tank, monitored by a water level sensor. The system uses a solar ...

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## Solaris Pons

In Knezevi Vinogradi, the SOLARIS PONS group built the largest solar irrigation system in Europe. Tens of thousands of liters of diesel fuel ...

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### Croatia Solar to Surpass 1 GW by 2025 , Renewable Energy News

Croatia is expected to surpass 1 GW of solar power by 2025, driven by a significant increase in installations and supportive policies. The expansion is part of the country's broader ...

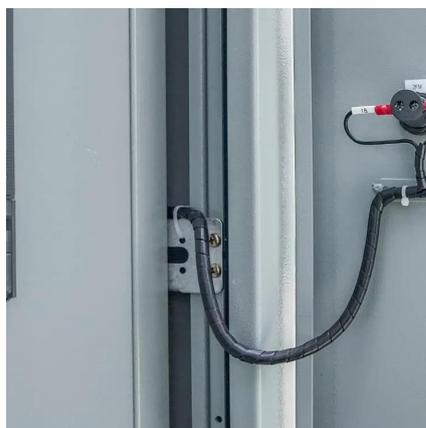
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### Mobile Solar

Mobile Solar is a leading company providing advanced solar solutions for irrigation. Our mission is to enable farmers to eliminate fuel costs, increase yields, and become environmentally ...

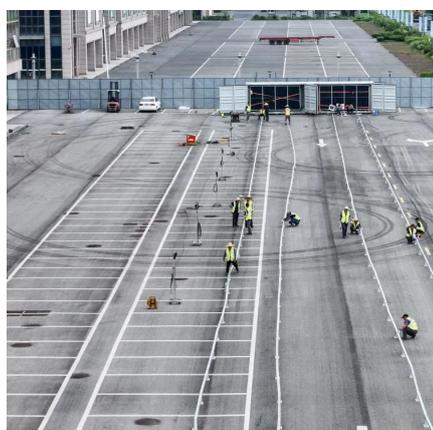
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### Luxor Solar delivers solar modules for Europe s largest irrigation

Luxor Solar GmbH, producer of high-performance solar modules with German engineering standards, has delivered a 90.75 kWp solar system to Croatia. The produced ...

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### Agrisolar by Power Solar Europe



By utilising agrisolar farms on just 1% of the total available agricultural land in Croatia, which amounts to approximately 1,000 hectares, we can contribute to the protection of ...

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## Solaris Pons

In Knezevi Vinogradi, the SOLARIS PONS group built the largest solar irrigation system in Europe. Tens of thousands of liters of diesel fuel normally used for driving the pumps have ...

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## [Solar powered irrigation in Croatia on the rise](#)

Solar panel manufacturer Luxor Solar reports growing demand for solar irrigation systems in Croatia. Recently another PV powered watering system was installed for a 50 ...

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## Croatia's growing solar sector supports both urban needs and ...

Solarvance offers tailored solar solutions for Croatia's coastal conditions, tourism infrastructure, and diverse terrain --including salt-resistant equipment, modular systems, and battery-ready ...

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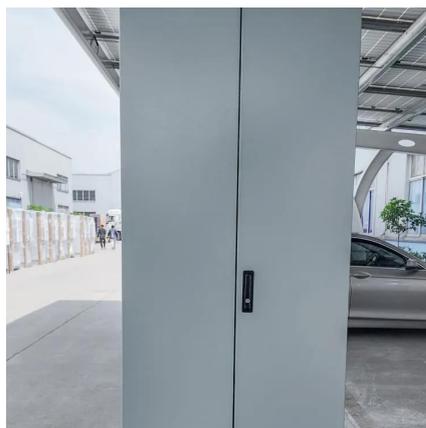


## 56 kWp , Knezevi



Commercial 56 kWp , Knezevi Vinogradi (Croatia)  
Europe's largest irrigation system with Eco Line  
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### [Croatia Solar to Surpass 1 GW by 2025](#)

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