

# PERGOLA SOLAR

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ENERGY SOURCE FOR POOL AND HOUSE  
RAINWATER EFFICIENCY SYSTEM



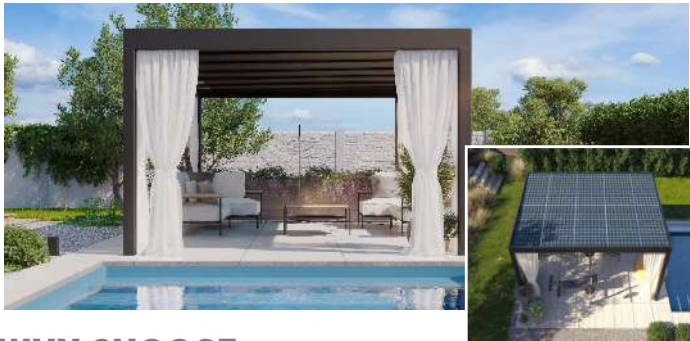
**NEW PRODUCT OF 2023**  
SOLAR ENERGY FOR YOUR POOL



**Alukov<sup>®</sup>**  
Solar

# PERGOLA SOLAR

**PERGOLA SOLAR** is a source of clean solar energy for your pool. It allows you to reduce the consumption of electricity from the grid and replace this energy from the sun. PERGOLA SOLAR provides a power output of 3.7 - 4.44 kWp depending on the model. Produced energy is stored in a 3.1 kWh battery. This capacity is sufficient to power the pool's basic technologies (water circulation pump, water treatment technology, LED light). The battery storage can be on demand increased to operate pool technology with a higher consumption. The SOLAR PERGOLA operates as an off-the-grid independent system that allows interconnection with the electrical installation of the pool. In case the battery is discharged, the pool system can be connected to the main electricity supply grid again. SOLAR PERGOLA can also be operated as a conventional solar power plant, connected to an existing solar technology of the home and thus increase the power generation capacity for the whole house. SOLAR PERGOLA located close to the the swimming pool serves as a resting place for sun loungers and other garden furniture. As a bonus the construction of the SOLAR PERGOLA integrates downpipes to capture rainwater for any subsequent use.



## WHY CHOOSE PERGOLA SOLAR?

- Solar energy source
- Solar panels can generate up to 4 MW of electricity/year
- The average consumption of an average European household is 4 MW / year
- Multifunctional Solar Pergola for your relaxation
- Off-the-grid solar power plant without the need for connection to distribution grid
- Possibility to connect to the distribution grid and expand the home solar power plant output
- Rainwater capturing for later use
- Responsibility towards ecology, nature and future generations
- Save on energy costs with PERGOLA SOLAR

\*Technical consultation required

 QUALITY	 ECOLOGICAL	 SAVES ENERGY	 UV PROTECTION
 TECHNOLOGY	 INTERNATIONAL NETWORK	 LONG WARRANTY	 SERVICE

## PERGOLA SOLAR 10 SOLAR PANELS

**CONSTRUCTION DIMENSIONS: 3700 x 5510 x 2602 mm**

### SPECIFICATIONS:

<b>Solar output:</b>	3,7 kWp
<b>Solar panel type:</b>	light transmittance 12% double-sided tempered glass

## PERGOLA SOLAR 12 SOLAR PANELS

**CONSTRUCTION DIMENSIONS: 3700 x 6586 x 2602 mm**

### SPECIFICATIONS:

<b>Solar output:</b>	4,44 kWp
<b>Solar panel type:</b>	light transmittance 12% double-sided tempered glass

							
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