

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[®]
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 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 5480 x 2600 mm

SPECIFICATIONS:

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

PERGOLA SOLAR 12 SOLAR PANELS

CONSTRUCTION DIMENSIONS: 3700 x 6550 x 2600 mm

SPECIFICATIONS:

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



CE EN1090

ASCE
American Society of Civil Engineers



ONORM ONR
191160-2010
Requirements For Safety
Moveable Swimming
Pool Covers



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