

# CARPORT SOLAR EN/INT

...POWERED BY THE SUN



**NEW PRODUCT  
OF 2023**



**Alukov<sup>®</sup>**  
Solar



The **CARPORT SOLAR** is an innovative product based on use of natural renewable source - the sun. It is a suitable shelter for cars, protecting your car, bicycles, quad bikes scooters or other parked equipment. The structure is designed to fully comply with both technical standards and aesthetic design of modern architecture. **CARPORT SOLAR** is a simple and elegant solution, suitable for any climate zone. The strong, solid structure with good anchorage can withstand strong wind gusts. Your car will be well protected in all seasons and weather conditions and with CARPORT SOLAR you will get an additional area for a solar power plant. It can also serve as an efficient and representative option for in car showrooms, can serve as a hotel parking or company cars parking.

#### CARPORT SOLAR SINGLE

**1 CAR - 6% ROOF SLOPE, 3240 x 5290 x 2200/2450 mm**



This solar carport will be especially appreciated by lovers of smaller cars and quick parking. It is unpretentious space-saving and it also fits easily into narrow gaps between houses.

#### 9pcs of SOLAR PANELS USED

<b>Carport output:</b>	3,33 kWp
<b>Solar panel type:</b>	monocrystalline, all-glass
light transmission	12%
Emissions saving CO <sub>2</sub> ~	1650 kg/year

Snow load from: 210 kg/m<sup>2</sup>  
Wind load to: 100km/h

#### CARPORT SOLAR DOUBLE

**2 CARS - 6% ROOF SLOPE, 5390 x 5290 x 2200/2450 mm**



Solar carport with a sloped roof is applicable wherever you need rainfall water or melting snow to drain away faster. You can match the overall design by adapting the slope of the Carport with the slope of the roof of your house.

#### 15pcs of SOLAR PANELS USED

<b>Carport output:</b>	5,55 kWp
<b>Solar panel type:</b>	monocrystalline, all-glass
light transmission	12%
Emissions saving CO <sub>2</sub> ~	2775 kg/year

Snow load from: 190 kg/m<sup>2</sup>  
Wind load to: 100km/h

#### CARPORT SOLAR DOUBLE XL

**2+ CARS - 6% ROOF SLOPE, 6465 x 5290 x 2200/2450 mm**



You can use the solar carport not only for your car, but for your motorcycle, bicycle, or for other accessories. The carport is equipped with a gutter for catching rainwater.

#### 18pcs of SOLAR PANELS USED

<b>Carport output:</b>	6,66 kWp
<b>Solar panel type:</b>	monocrystalline, all-glass
light transmission	12%
Emissions saving CO <sub>2</sub> ~	2775 kg/year

Snow load from: 175 kg/m<sup>2</sup>  
Wind load to: 100km/h

## WHY CHOOSE CARPORT SOLAR?

- The most efficient way to charge your electric car in the comfort of your own home
- A Carport with 9 solar panels generates enough energy to power an electric car for 15,000 km per year
- 9 solar panels can generate up to 3 MW of electricity/year
- Average consumption of an average European households is 4 MW/year
- Easy way to extend the capacity of a home or business solar power plant
- Alternative area for solar panels placement
- Maintenance-free solar panels
- Possibility of using captured rainwater for domestic and garden use
- Less costly and less space consuming than building a garage
- Protection of the car's paintwork and interior from UV sunlight damage
- Protection of bodywork and windows from hail
- Protection of car from debris
- Quick return on investment thanks to solar panels in the roof
- Reduce household or company energy costs



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