



SOLARSTONE

# Solar Carport Standard

Transform your driveway with Solar Carport. More than just a parking spot and shelter, it becomes a power station for your home and a dedicated charger for your EV. Constructed from strong, galvanized steel, it is engineered to withstand the challenges of coastal areas.

While the Solar Carport generates power when the sun shines, it's also connected to your home's electrical system. This means you can charge your car 24/7, regardless of the weather conditions.

## 3-IN-1 SOLUTION

The Solar Carport features a meticulously designed weatherproof solar roof



Provides shelter in all weather conditions



Includes an integrated solar roof powerplant



Offers the capability to charge your electric car





## Technical & Product Data

<b>Parking Spots</b>	2 vehicles, extendable by 2 more with no upper limit	<b>Snow Load *</b>	1,5 kN/m <sup>2</sup> (approx 150 kg/m <sup>2</sup> )
<b>Solar Roof</b>	Solarstone Solar Full Roof (BIPV), slope 15 °	<b>Wind Load *</b>	0,76 kN/m <sup>2</sup> upwards (basic wind velocity 21 m/s)
<b>Peak Power</b>	6.45 kWp (15 x 430W BIPV panels)	<b>Construction Warranty</b>	10-years for construction
<b>PV Module</b>	FutraSun Silk Nova Duetto n-type bifacial	<b>Performance Warranty</b>	25-years for solar roof performance
<b>Carport Frame Material</b>	Galvanized Steel S355, Wet Paint, RAL9005, Gloss 30	<b>Electrical Equipments **</b>	Inverter, EV Charger, Battery
<b>Weight</b>	1 500 kg	<b>Additions **</b>	Perforated metal sheet ceiling, Thermally treated timber cladding, LED lighting
<b>Ground Coverage</b>	For 2 vehicles, 5.93m x 5.39m (32m <sup>2</sup> )	<b>Foundation **</b>	Consult your local partner

\* The Carport Standard is specifically designed for Central-Europe weather conditions typical (Estonia, Germany) and similar climates. Snow load calculations follow the EN 1993-1-3 standard, while wind load assessments adhere to EN 1991-1-4, both with reference to the Estonian National Annexes. Prior to installation, it is highly recommended to consult a local engineer to verify wind, snow, and foundation requirements based on local conditions and annexes for optimal results. Please ensure that you fully review the Carport Design Report and Installation Manual before proceeding. Solarstone takes no responsibility for any deviations or errors made by partners that do not comply with the provided guidelines..

\*\* optional, ask from local supplier

## Drawings and Dimensions

