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The AVARIS *energy* **Solar Carport**

Advantages and Qualities

- High-quality aluminium construction with powder-coated surfaces
- Easy and low-cost installation with screw-in connections
- Few tools required
- Pre-drilled holes and ready-for-use construction parts
- Anchor blocks can be height-adjusted to allow for uneven fundaments
- Durable and maintenance-free
- Ideal additional photovoltaic areas for the home-owner
- Vehicles protected from the weather
- Ideal conditions for electromobility
- Made in Germany
- Attractive look
- Suitable for solar modules from different manufacturers
- High-quality German modules e.g. Schott POLY 235 (*graded as "very good" by ÖKOTEST, a German quality test institute for ecological products*)



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Technical Data

Description

10° longitudinal angle

Suitable for flat areas

Concrete bases for ballasting according to legal requirements on statics

Generator power – 2kWp

Areas of use:

- Standard version for snow and wind load zones up to 2, max. 400m NN
- Heavy load version for snow and wind load zones up to 2, max. 700m NN

Total weight: 468 kg

Total area: 18.8 m²

Design

Parking space for one car with a max. width of 2.55 m (according to German law)

Drive-through width: 3.15 m

Ground area: width x length 3270 mm x 5115 mm

Roof area: width x length 3270 mm x 5169 mm

Ridge height: lower edge of profile to lower edge of supports: 2968 mm

Sidewall height: lower edge of gutter to lower edge of supports: 2050 mm

Statics according to Eurocode 1/DIN 1055

Documents for application for planning permission (statics, drawings on request)

Lightweight aluminium profiles, aluminium and stainless steel connecting parts

Complete assembly on site

Trapezoidal metal sheet with gutter for rain flow-off

Individual Carport Solutions

Made by AVARIS *energy*

We are pleased to provide special solutions to meet your individual requirements; whether for private customers with one/two vehicle carports or for large-scale carport areas such as for commercial customers, local authorities, shopping centres, large market centres.