



## S:FLEX CARPORT SINGLE/DOUBLE

Solar carports with segmental design for 1, 2 or up to 24 parking spaces

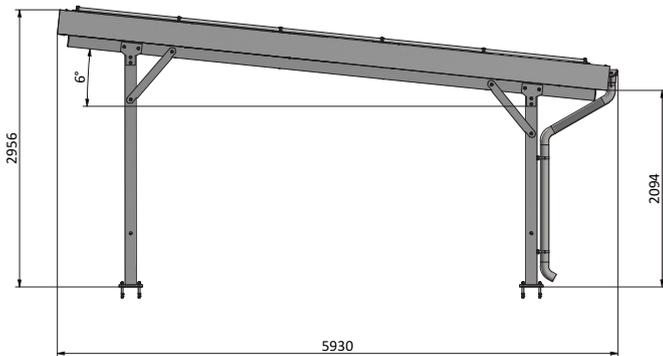


- For homeowners and small commercial enterprises
- High-quality, low-maintenance and robust construction made of corrosion-resistant, durable, fully recyclable materials
- Permission-free construction – suitable for boundary development
- Flexible application, expandable up to 24 parking spaces
- Extensive module compatibility
- PV system sizes of approx. 3.8 kW per single or approx. 5.5 kW per double segment
- Fast assembly without a crane or special tools – can be expanded easily later on
- Material-optimized design using components with a max. length of 6 m and max. weight of 60 kg
- Statically pre-dimensioned
- Available from stock

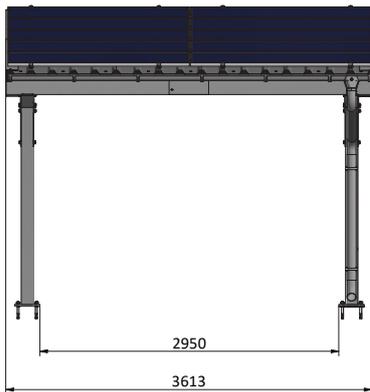
# S:FLEX CARPORT SINGLE/DOUBLE

Solar carports with segmental design for 1, 2 or up to 24 parking lots

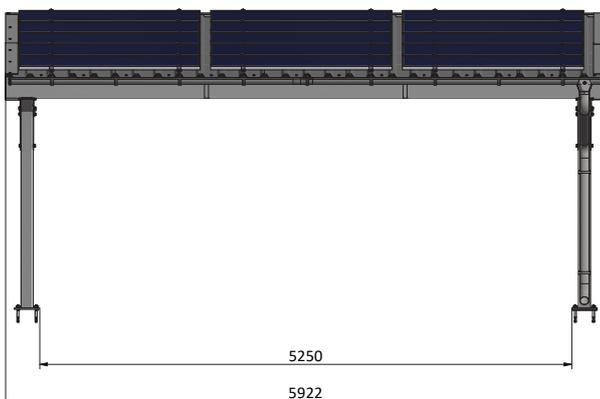
## Technical Data



Dimensions – side view



Carport Single dimensions – front view



Carport Double dimensions – front view

<b>Scope of delivery</b>	<b>Carport:</b> trapezoidal sheet metal (continuous, 0.75 mm thick), roof surround, drainage, supports <b>Solar fastening:</b> S:FLEX trapezoidal sheet metal rail systems, module clamps, screws, variable cable routing
<b>Expandability</b>	Up to 12 freely combinable single/double segments for a maximum of 24 parking spaces using extension sets
<b>Foundation</b>	Anchored in the ground/concrete (Foundation to be provided on site)
<b>Height</b>	Headroom: 2.09 m Max. height: 2.95 m
<b>Roof pitch</b>	6°
<b>Module orientation</b>	Landscape/portrait
<b>Module size</b>	All common sizes
<b>Roof area / Module field size <sup>1</sup></b>	<b>Single:</b> 22 m <sup>2</sup> / 10 modules, approx. 3.8 kW <b>Double:</b> 35 m <sup>2</sup> / 15 modules, approx. 5,5 kW
<b>Snow load (s<sub>k</sub>)</b>	<b>Single:</b> 4.0 kN/m <sup>2</sup> <b>Double:</b> 0.85 kN/m <sup>2</sup>
<b>Wind load (q<sub>p</sub>)</b>	<b>Single:</b> 1.2 kN/m <sup>2</sup> <b>Double:</b> 0.66 kN/m <sup>2</sup>
<b>Materials</b>	<b>Carport:</b> hot-dip galvanized steel, powder coated <b>Solar fastening:</b> aluminium
<b>Small parts</b>	Stainless steel A2-70A
<b>Optionally available</b>	Plate (without holes) for fastening of inverter and/or charging station
<b>Colour</b>	Anthracite grey (RAL 7016), anthracite trapezoidal sheet
<b>Warranty</b>	10 years on durability of materials

<sup>1</sup> PV modules of 1.06 m x 1.8 m / 375 Wp