

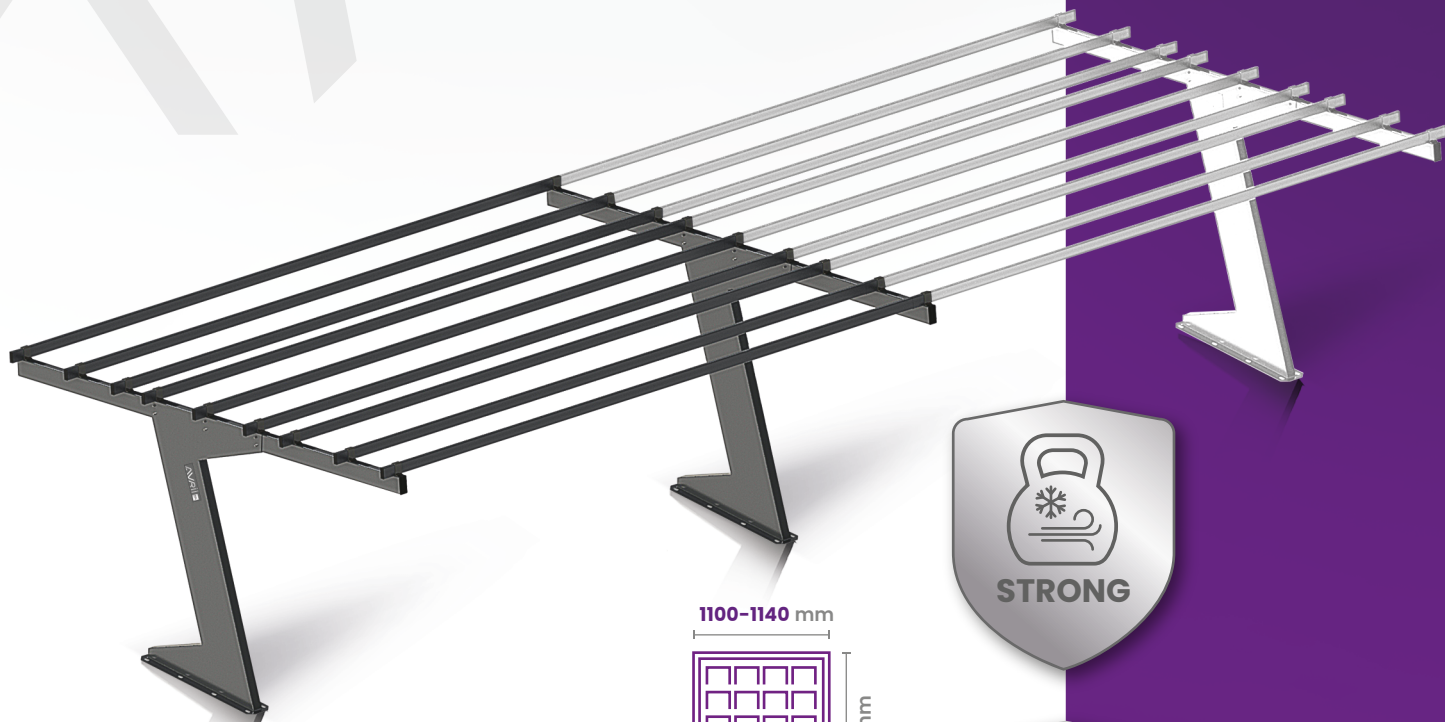
AVRii SOL

CARPORT Avrii SOL Integra Zcon STRONG



Zcon-ve1-10
structure

Zcon-ve1-10-ext
extension



1100-1140 mm



1900-2000 mm



Resistance to extreme
snow loads (3 kN/m²)
and wind (30 m/s)



Reinforced durable structure
with galvanized coating



Module mounting system
minimizing the risk
of deformations



Dedicated sealing accessories
included in the set



All mounting components
are made of stainless steel

A versatile solution for both
private and commercial
parking spaces



Adjustable parking
space width



Carport leg/support
designed for internal wiring



Full availability of structural
elements and spare accessories
directly from the manufacturer



Unique, registered design
- Registered Community Design
- EUIPO



More than
energy



EUROPEAN
PRODUCER

Technical specification

The dimensions below refer to the standard carport design - it is possible to adjust the width of the parking space according to individual requirements.

Zcon-ve1-10	Zcon-ve1-10-ext
Standard structure for two parking spaces.	Extension of the structure - adding two parking spaces to the standard structure, with the possibility of multiplying them to increase the number of spaces.

Carport structure parameters

Width [mm]	5750
Depth [mm]	5470
Maximum height [mm]	2800
Minimum height [mm]	2030
Parking space width [mm]	5350
Weight [kg]	905
Material	steel S355, hot-dip galvanized, powder coated
Standard colour ⁽²⁾	anthracite RAL 7016, structural mat
Angle of modules	8°

⁽¹⁾ Depending on the number of parking spaces in a row

⁽²⁾ The carport structure can be ordered in a custom color

Structural elements included in the set

	pcs	
ZS Load bearing structural pillar	2	1
Pillar cap	2	1
Allen screw A2 M6x12	8	4
Cap nut A2 M20	16	8
Oval washer A2 21 (M20)	16	8
Profile AS5 160x80x5x5500 mm	2	0
Profile AS8 160x80x8x5500 mm	0	1
Profile BS4 100x40x3x5750 mm	9	9
End Cap for profile AS5 160x80 mm	4	0
End Cap for profile AS8 180x80 mm	0	2
End Cap for profile BS4 100x40 mm	18	9
Threaded rod A2 M10x110	12	6
Cap nut A2 M10	24	12
Round washer A2 10,5 (M10)	24	12
Grip S KAB_inox_3 mm	18	9
Allen screw M8x25	72	36
Clamp KPV_inox_1,5 mm	90	90
Push screw M6x16 A2	90	90
Seal 20-30 ⁽³⁾ x15x2000 mm	18	21
Connector for BS4-profiles	0	9

⁽³⁾ Depending on the selected model of PV modules

Compatibility with framed PV modules

Dimensions of modules - length x width [mm]	1900-2000 x 1100-1140
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Additional accessories (available in Avrii Sp. z o.o.)

Steel brand for Carport Avrii SOL Integra - to be embedded in the foundation

Components for PV Set - photovoltaic modules, inverter, protection devices - PV -DC, cabling

Standards

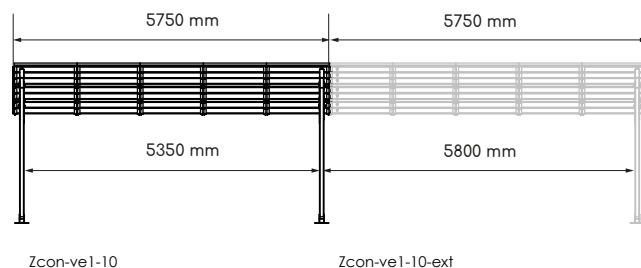
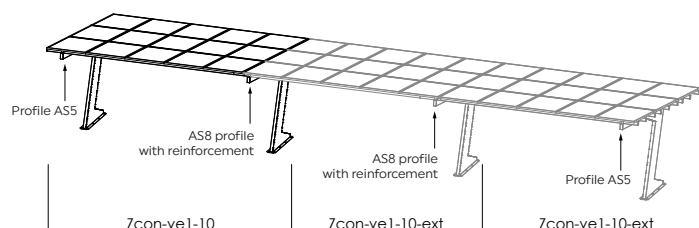
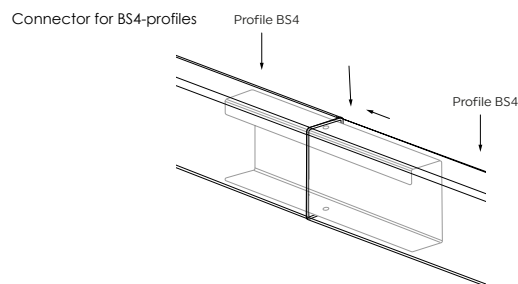
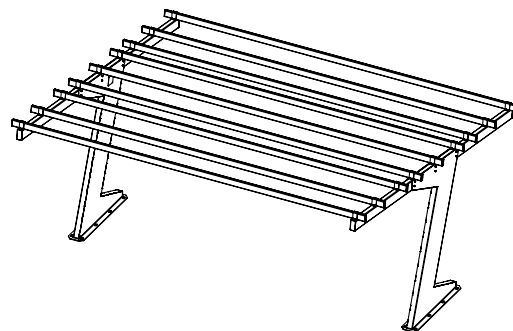
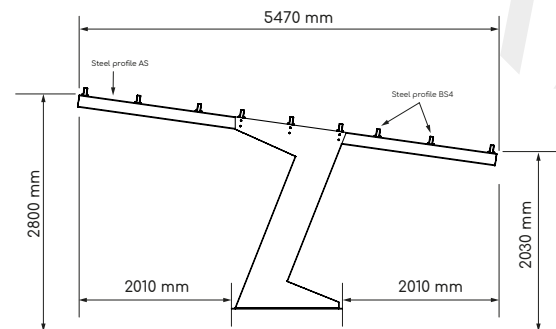
CE, FPC Certification	EN 1090-1
Welding Process Quality Certificate	EN ISO 3834:2021

Allowed snow and wind load:

PN-EN 1991-1-3 Eurokod 1	3 kN/m ²
PN-EN 1991-1-4 Eurokod 1	30 m/s

Warranty

Standard	10 years
Extended - with Avrii SOL Modules	15 years



Actual dimensions may differ from those specified on the sheet ± 10mm.

The technical sheet contains information valid as of the date specified in the document revision. Due to ongoing research and the introduction of new products, Avrii reserves the right to make any changes to these parameters without prior notice.

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