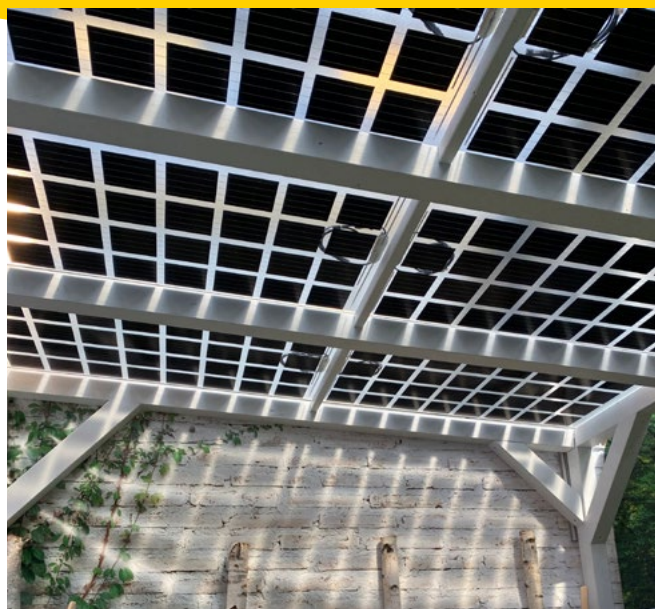
GRID PARITY
next generation photovoltaic

Product Overview

CERTIFIED DOUBLE GLASS MODULES ACCORDING TO EN12600 FOR OVERHEAD MOUNTING

03|2023



25 JAHRE PRODUKT-GARANTIE

PV Terraces & PV Carports

from the market leader for transparent
PV roofs with double glass modules

aesthetic . modern . clever.

www.gridparity.ag

Infinite solar energy in combination with aesthetic,
transparent double glass modules

CERTIFIED ISO 9001:2015 COMPANY

CERTIFIED ISO 14001:2015 COMPANY

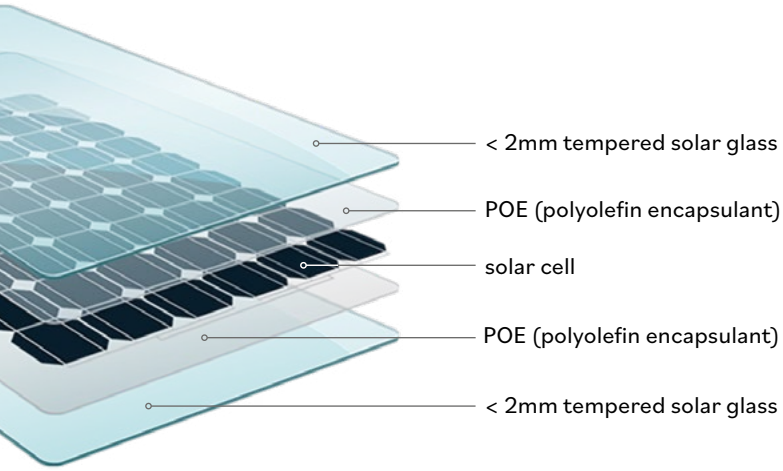
Engineered in Germany

Double Glass Modules

2mm tempered solar glass with extremely durable anti-reflecting coating

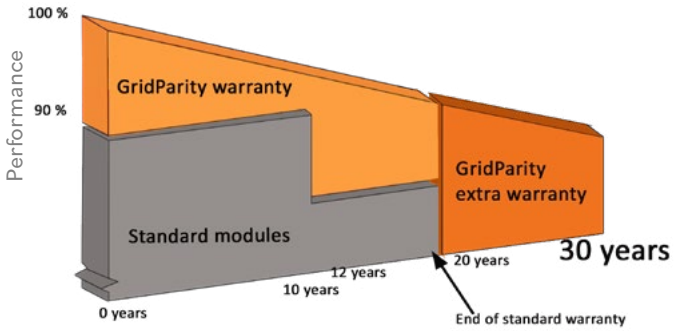
25 JAHRE PRODUKT-GARANTIE

Test report EN12600



Outstanding properties of our Modules

- Slim Module Design - Ultrathin - Ultralight
- High transparent double glass design
- Outstanding performance in case of wind/snow load
- Resistant to environmental influences
- Easy Cleaning
- No Micro Cracks
- Fire Resistance
- Predominant low light performance
- Extended Guarantee: 30 years performance, 25 years product
- Positive power output tolerance (plussorting)
- PID free
- High stability: snow loads >5400 Pa and wind loads>2400 Pa.



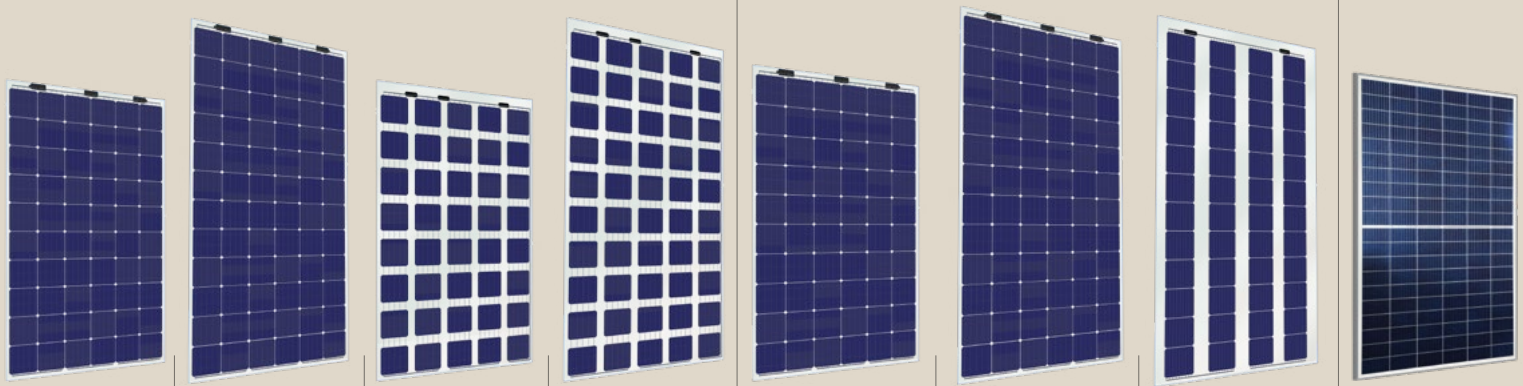
Performance guarantee

CERTIFIED DOUBLE GLASS MODULES ACCORDING TO EN12600 FOR OVERHEAD MOUNTING

CARPORTS & TERRASSEN
CARPORTS & TERRACES

AGRI PV
AGRI PV

DÄCHER
ROOFS



M60 - 320W	B72 - 380W	M40 - 210W	M50 - 260W	B60/6 - 370W	B72/6 - 450W	B48/6 - 300W	M108 - 410W
GLAS-GLAS	GLAS-GLAS BIFACIAL	GLAS-GLAS	GLAS-GLAS	GLAS-GLAS BIFACIAL	GLAS-GLAS BIFACIAL	GLAS-GLAS BIFACIAL	FRAME DESIGN
B60 - 320W							
GLAS-GLAS BIFACIAL							
1684 x 1002 x 5 mm	*2000 x 1002 x 5 mm*	*1684 x 1002 x 5 mm*	*2000 x 1002 x 5 mm*	*1765 x 1043 x 5 mm*	*2105 x 1043 x 5 mm*	*2105 x 1043 x 5 mm*	*1722 x 1134 x 30 mm*
M3	M3	M3	M3	M6	M6	M6	HC

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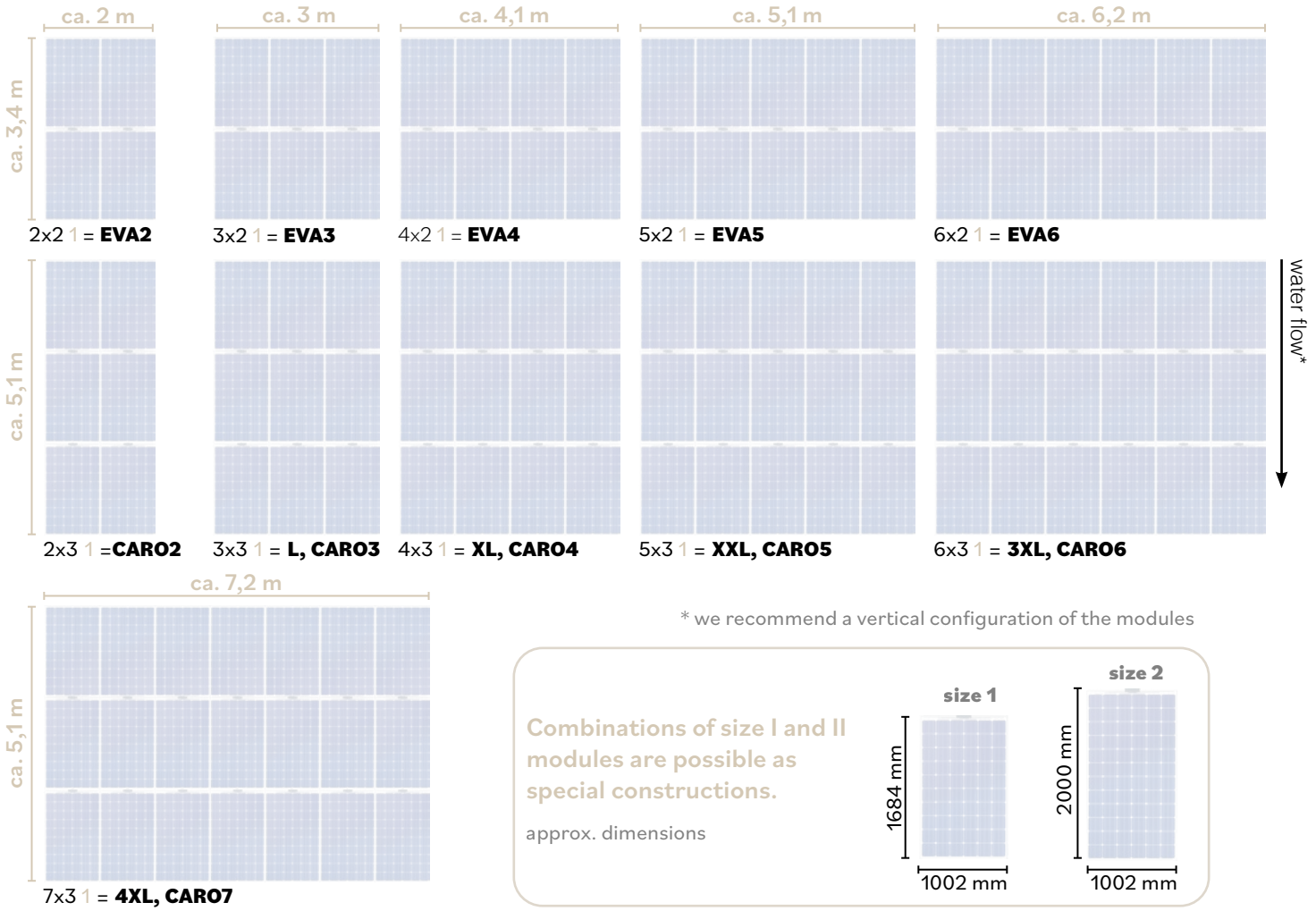
Module size 1 (M60, B60, M40)

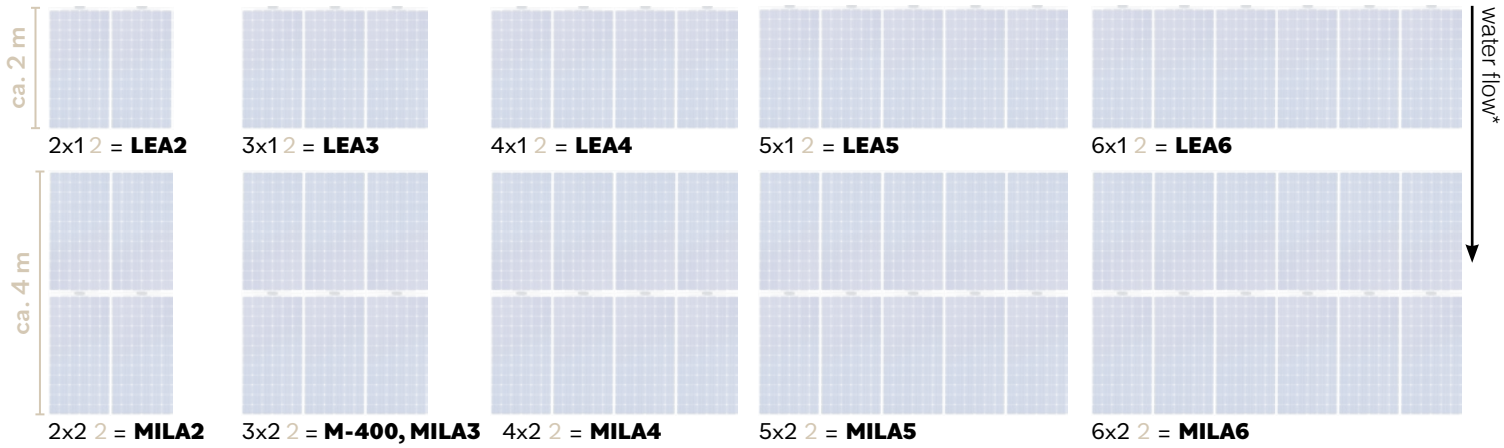


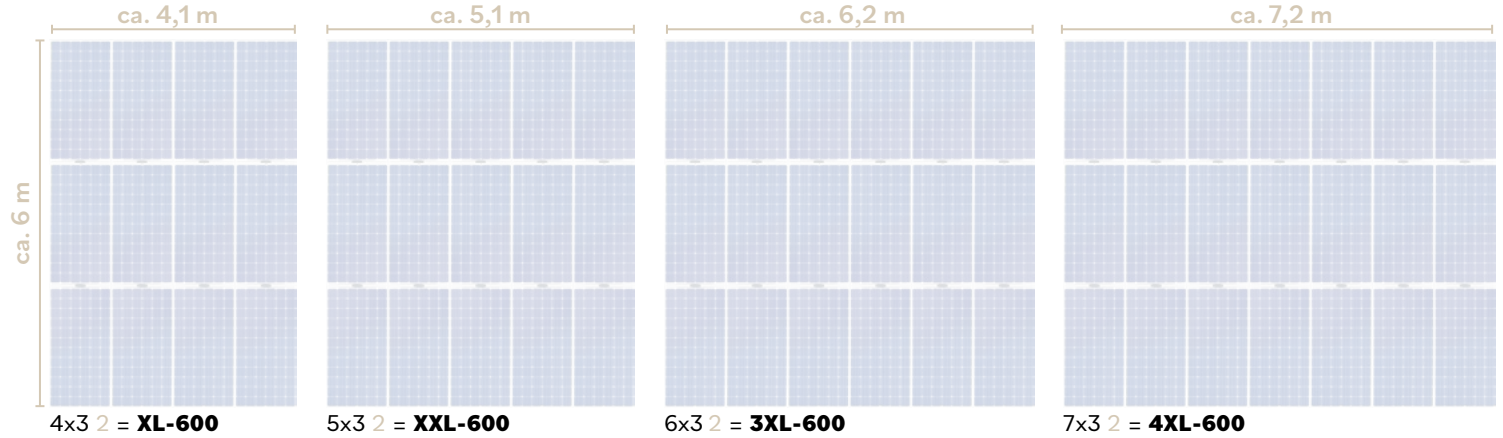
* we recommend a vertical configuration of the modules

Combinations of size I and II modules are possible as special constructions.

approx. dimensions

Module size 2 (M72, M50)





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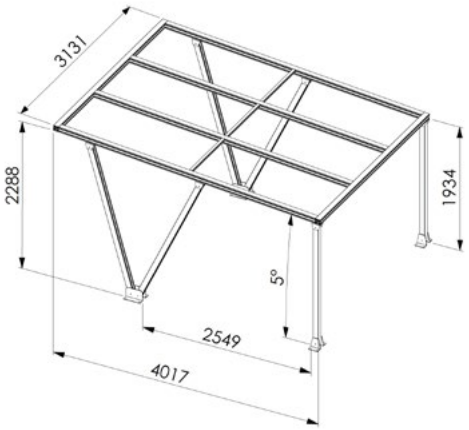
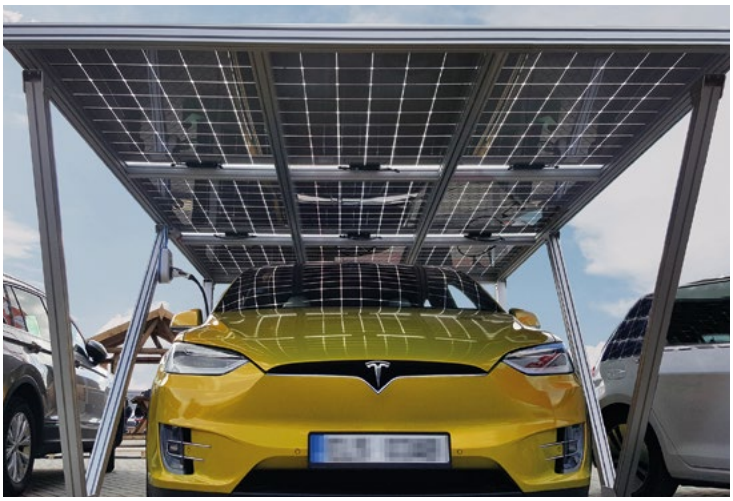
PV Carports

Example of 2 x Carport 3XL

Carport M-400 (6 x B72 Modules)

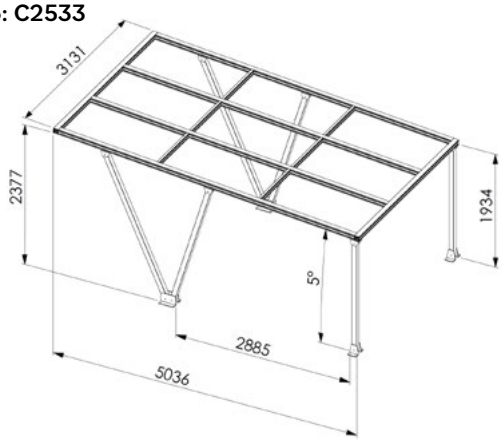
Art.no: CM314





Carport XXL (15 x M/B60 Modules)

Art.no: C2533



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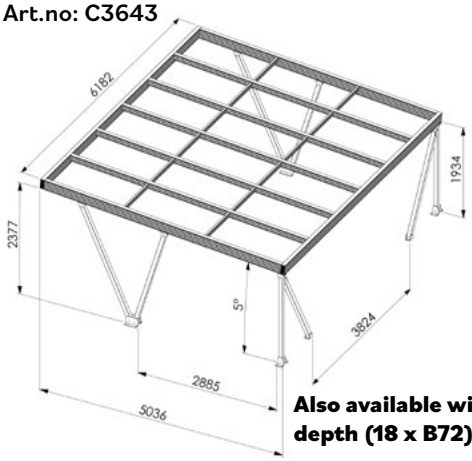
Carport XXL (15 x M/B60 Modules)

Art.no: C2533

Also available with 6m depth (15 x B72)

Carport 3XL (18 x M/B60 Modules)

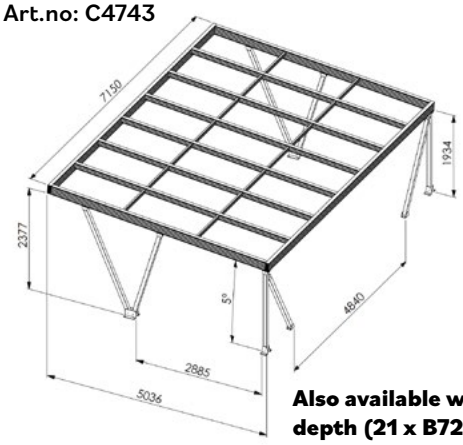
Art.no: C3643



Also available with 6m depth (18 x B72)

Carport 4XL (21 x M/B60 Modules)

Art.no: C4743



Also available with 6m depth (21 x B72)

PV Carports for larger parking lots can be found in our special brochure at www.gridparityag.com/download

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PV Terraces

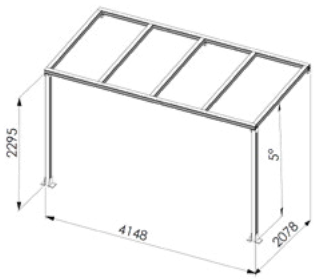
scan the QR Code to find more information:

PV Terraces

Example of EVA3

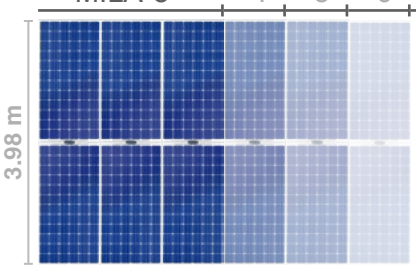
Terrace LEA (M50 Modules)

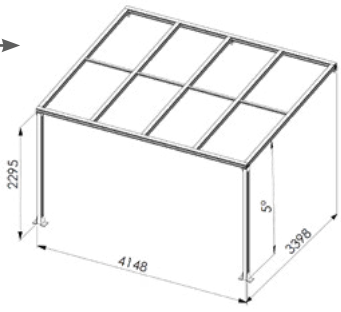
Art.no:	TL 312	TL 412	TL 512	TL 612
LEA-3		-4	-5	-6



Terrace EVA (M40 Modules)

Art.no:	TE 311	TE 411	TE 511	TE 611
MILA-3		-4	-5	-6





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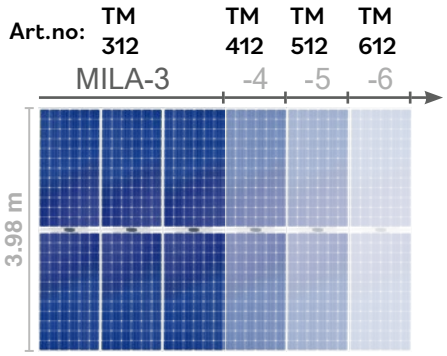
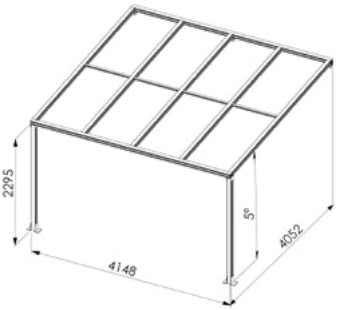
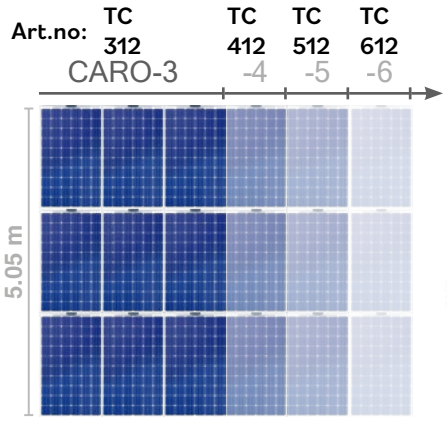
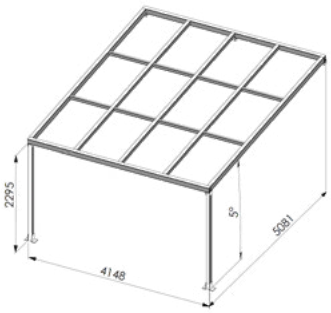
Terrace MILA (M50 Modules)





Terrace CARO (M40 Modules)



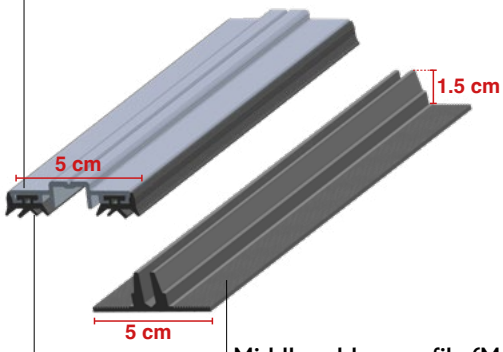


Module Mounting

Middle profile (M) for long module side

Art.Nr: Z1006

with integrated rubber lips



Middle rubber profile (M-G)

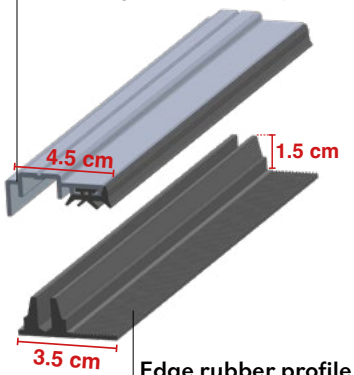
Art.Nr: Z1001

lies under the long module sides

Edge profile (R) for long module side

Art.Nr: Z1008

with integrated rubber lips



Edge rubber profile (R-G)

Art.Nr: Z1003

lies under the long module sides

Art.Nr: Z1002 inserted rubber lip (E) in M and R profiles

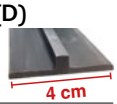
DachDicht

Art.Nr: Z7000

Sealing compound

Rubber sealing profile (D)

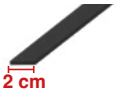
Art.Nr: Z1004



for unobstructed water drainage at the module's narrow side

Flat rubber (F)

Art.Nr: Z1005



for the outer edges of the module narrow sides

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UrbanPV is a concept that initially arose from the need to generate renewable electricity in residential areas, predominantly on sealed surfaces. In other words, in areas where 77% of the German population lives and works and where the demand for electricity is constantly growing due to the imperative need to replace fossil fuels (for transport and air conditioning).
The advantages of such decentralized PV power plants lie in the mostly direct use of the generated electricity, which can be directly integrated into the grids without long lines.

UrbanPV

scan the QR Code to find more information:

It is no longer sufficient to simply asphalt brownfield sites and divide them into parking bays. In addition, the re- quirements of electromobility mean that more plan- ning work has to be done, e.g. because power lines have to be laid. Considering the use of a commuter parking lot then it is obvious to integrate there small supply units such as a kiosk with a range of drinks and newspapers, so that waiting times for visitors can be bridged more comfortably.

Energy Carport

scan the QR Code to find more information:

Globally, there is growing interest in agri-PV as a way to combine solar power generation with sustainable, water-efficient agriculture and to advance climate mitigation and adaptation. Important drivers for agri-photovoltaics are land scarcity and increasing drought in many regions. Another driver is the possible saving of sprays. The prerequisite is to interfere with agricultural use as little as possible and to work closely with farmers for a broader application of AgriPV.

AgriPV

scan the QR Code to find more information:

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