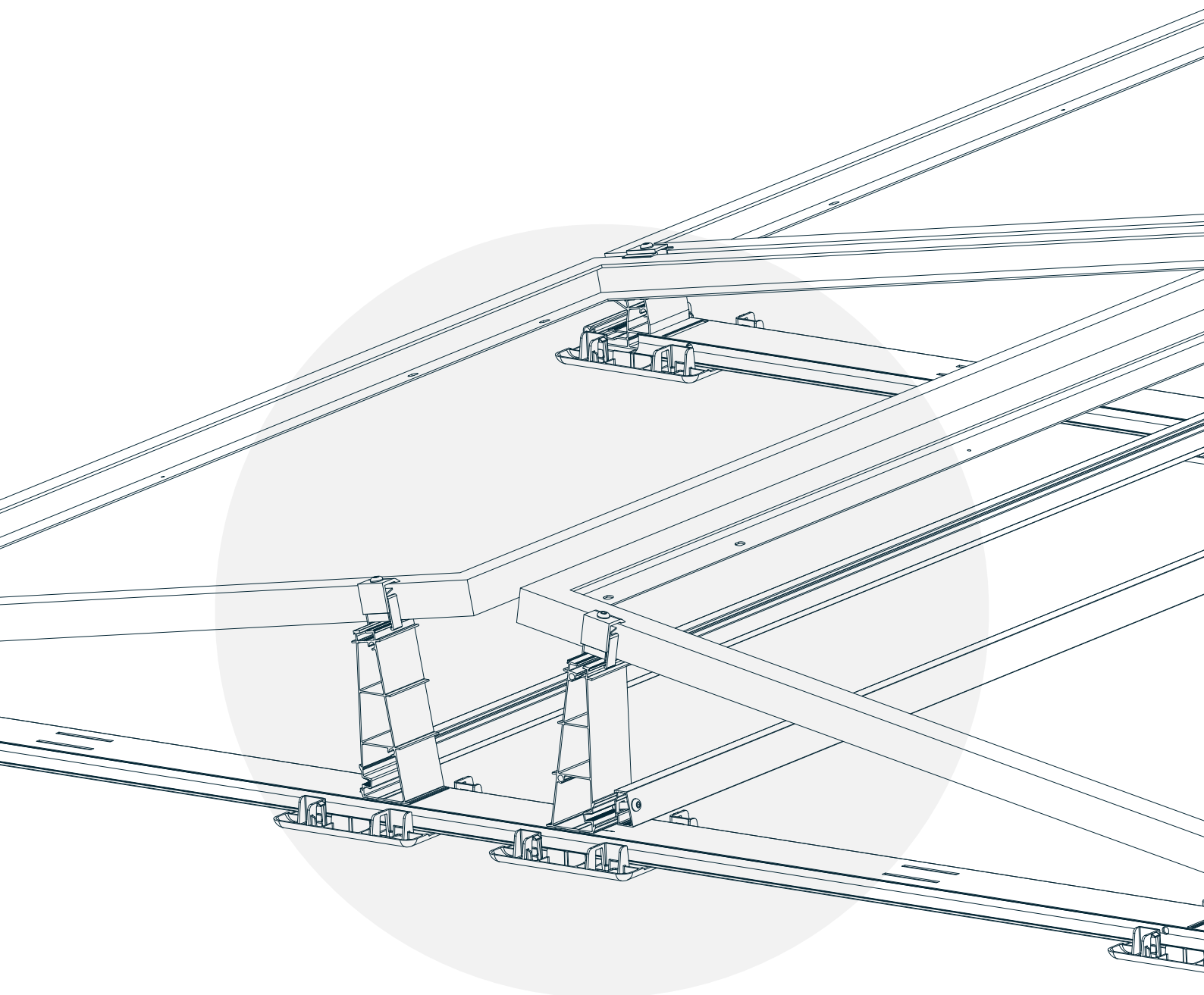


# PMT EVO 2.1 EW

PRODUCT DATASHEET



**SO SIMPLE. SO FLEXIBLE. SO SAFE.**

Uncompromising and innovative, PMT EVO 2.1 continues to set standards. Simplified mounting, certified safety and top quality performance – that's what we mean by NEXT LEVEL MOUNTING.

# PMT EVO 2.1 EW PRODUCT DATASHEET

## PRODUCT BENEFITS

<b>Ballast-optimised</b>	Lower ballast requirement due to improved system stability and aerodynamics
<b>Click technology</b>	Easy installation due to twist-proof click connections
<b>Maximum safety</b>	Verification by abZ, latest wind tunnel tests, experimental component tests and current DIN standards
<b>Optimal support surface</b>	Continuous main profiles with ProPlates for improved distribution of loads
<b>Lightning current carrying capacity</b>	Lightning current carrying capacity verified according to DIN EN 62561 (VDE 0185-561-1):2013-02
<b>Ideal cable routing</b>	Integrated cable routing in module and rail direction directly on the system; separate routing +/- possible
<b>Universal module and ballast clamp</b>	Suitable for clamping ranges between 30 and 50 mm
<b>Accessories</b>	Ridge coupling in module and rail direction, route connection, mechanical fastening points, side cover, trapezoidal sheet adapter, center support and bracket for solar sensor

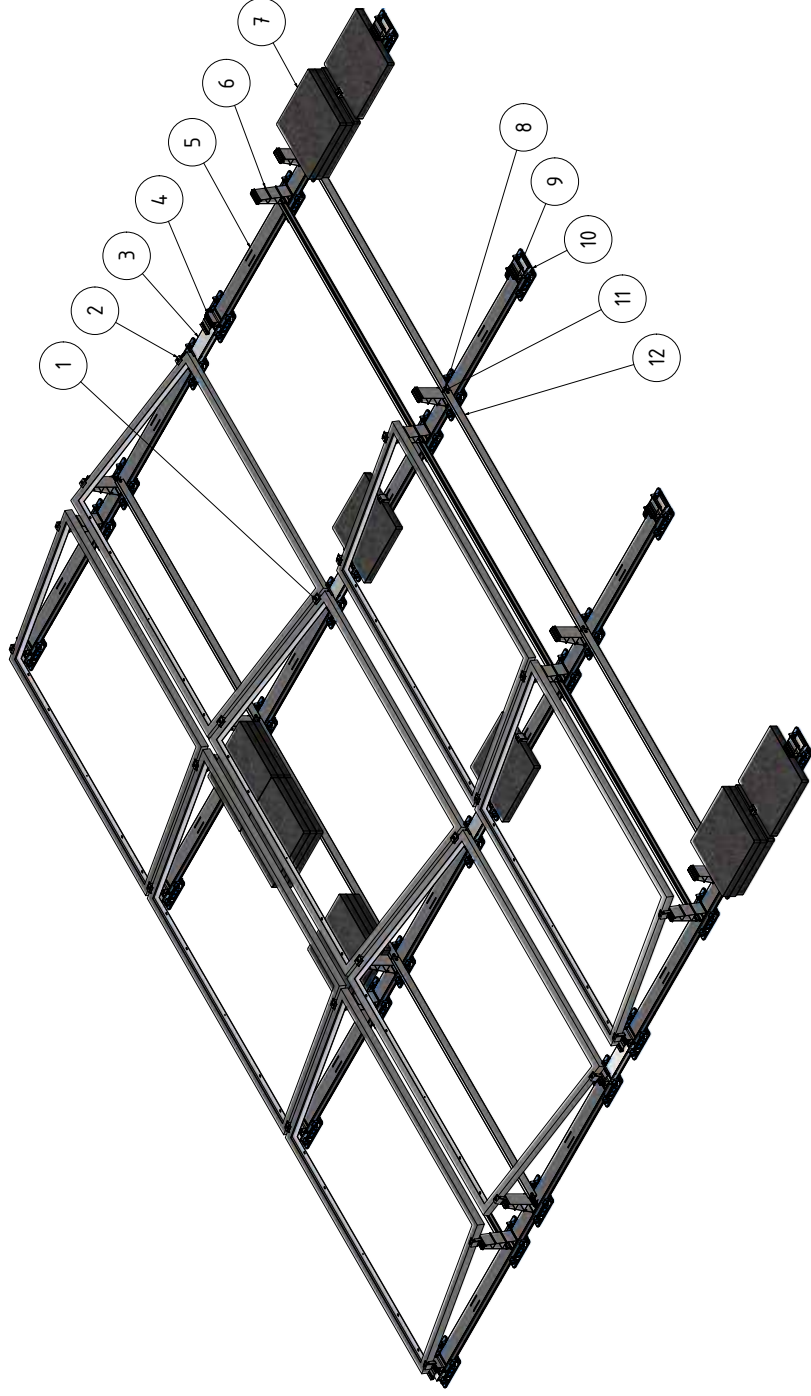
## TECHNICAL DATA

<b>Application type</b>	Flat roof up to 5° (special projects up to 10° possible)
<b>Inclination</b>	10° and 15°
<b>Orientation</b>	East-West
<b>Roof covering</b>	Foil (EPDM, PVC, TPO/FPO), bitumen, sheet metal, concrete ProPlate Gravel: Gravel + green roof
<b>Standard spacing</b>	From 2205 mm to 2882 mm (depending on module width and system variation)
<b>Weight</b>	System surface load incl. module and ballast from 9.5 kg/m <sup>2</sup>
<b>ProPlates</b>	<ul style="list-style-type: none"><li>· Plate of PE-HD Recyclate</li><li>· No plasticizer migration</li></ul>
<b>Certificates</b>	<ul style="list-style-type: none"><li>· Lightning current carrying system according to DIN EN 62561 (VDE 185-561-1):2013-02</li><li>· General technical approval Z-14.4-790 for the complete system</li><li>· Low-resistance connection verification (&lt;1 Ω) for the entire system</li></ul>
<b>Material</b>	<ul style="list-style-type: none"><li>· Aluminium EN AW 6060 T66</li><li>· PE-HD Recyclate</li></ul>
<b>Suitable Modules</b>	All common PV module sizes: Width: 985 – 1300 mm Length: 550 – 2400 mm Height: 30 – 50 mm

Errors & changes excepted, last update: 16.07.2024

# TECHNICAL DATASHEET

## PMT EVO 2.1 EW



### COMPONENT LIST

No.	Component
1	MK Typ 40
2	EK Typ 40
3	EVO 2.1 VBSP
4	EVO B10 M6
5	EVO 2.1 HBP
6	EVO T10
7	Ballast Stone
8	ISO 7380-1 M8x30
9	EVO 2.1 AEBP
10	ProPlate
11	EVO OSV
12	EVO QBS

### ROW SPACING

A	B	C	D
2013	2205	127	18/60
2013	2345	267	158/200
2013	2445	367	258/300
2150	2342	127	18
2150	2482	267	158
2150	2582	367	258
2250	2442	127	18
2250	2582	267	158
2250	2682	367	258
2350	2542	127	18
2350	2682	267	158
2350	2782	367	258
2450	2642	127	18
2450	2782	267	158
2450	2882	367	258

