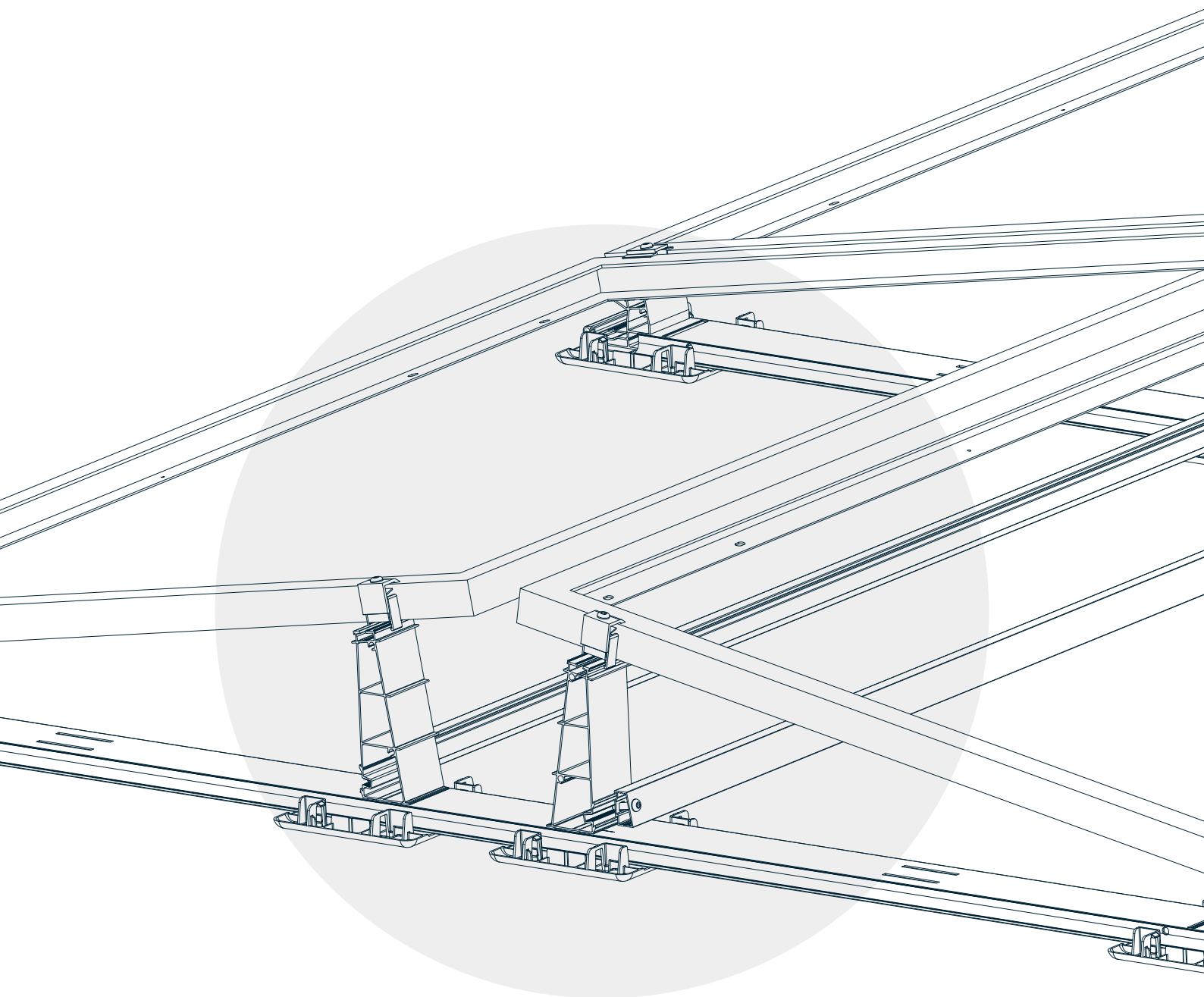


PMT EVO 2.1 EW

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

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

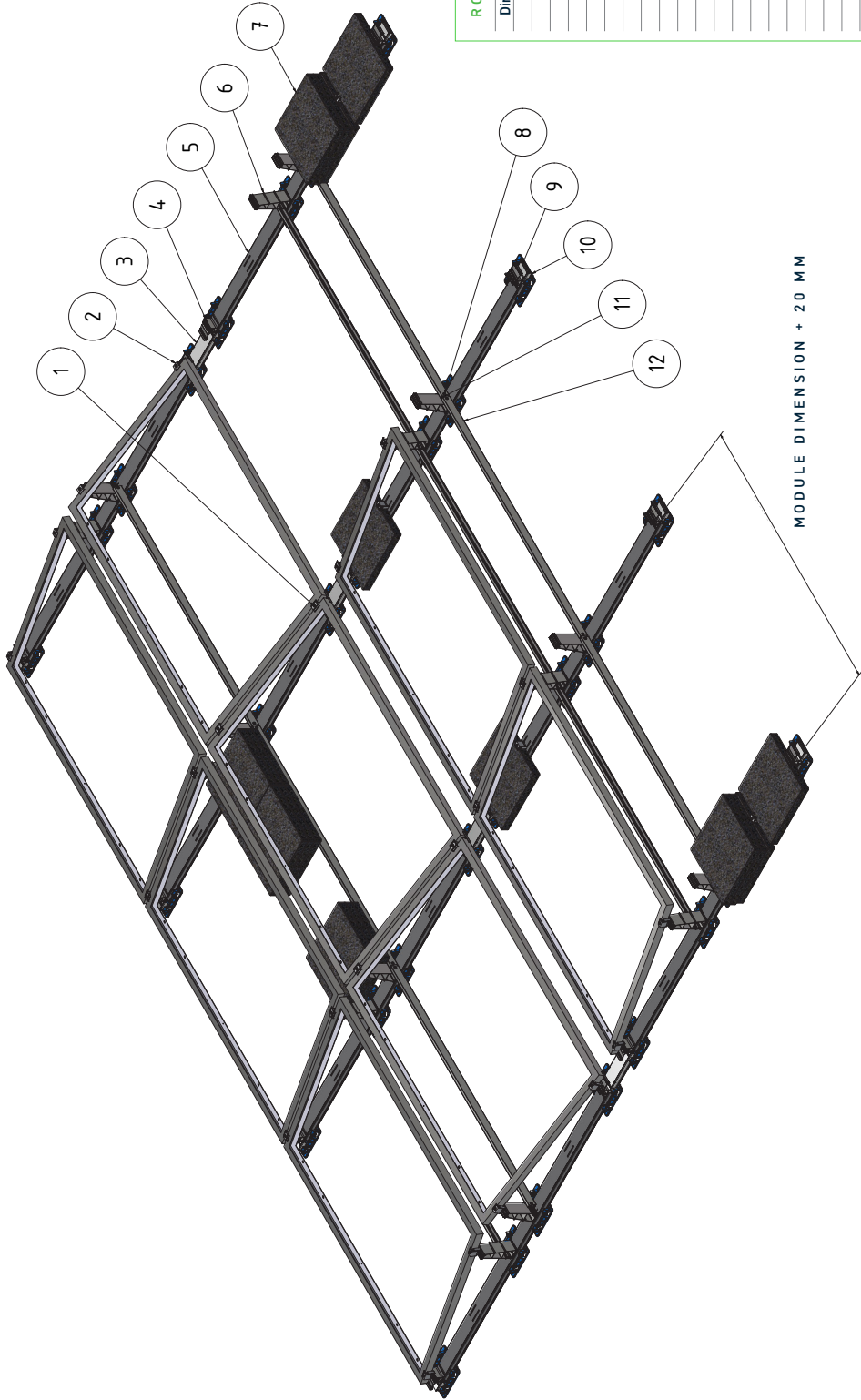
TECHNICAL DATA

Application type	Flat roof up to 5° (special projects up to 10° possible)
Inclination	10° and 15°
Orientation	East-West
Roof covering	Foil (EPDM, PVC, TPO/FPO), bitumen, sheet metal, concrete ProPlate Gravel: Gravel + green roof
Standard spacing	From 2205 mm to 2882 mm (depending on module width and system variation)
Weight	System surface load incl. module and ballast from 9.5 kg/m ²
ProPlates	· Plate of PE-HD · No plasticizer migration
Certificates	· Lightning current carrying system according to DIN EN 62561 (VDE 185-561-1):2013-02 · General technical approval Z-14.4-790 for the complete system · Low-resistance connection verification (<1 Ω) for the entire system
Material	· Aluminium EN AW 6060 T66 · PE-HD
Suitable Modules	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 DATA SHEET

PMT EVO 2.1 EW



COMPONENT LIST

No.	Component
1	MK Typ 40
2	EK Typ 35
3	EVO VBP
4	EVO B10 M6
5	EVO HBP
6	EVO T10
7	Ballast Stone
8	ISO 7380-1 M8x30
9	EVO AEBP
10	ProPlate
11	EVO QSV
12	EVO QBS

ROW SPACING

Dimension A	Dimension B	Dimension C	Dimension D
2013	2205	127	18/60
2013	2345	267	158/200
2013	2445	367	288/300
2013	2645	567	288/300
2150	2342	127	18
2150	2482	267	158
2150	2582	367	258
2150	2782	567	458
2250	2442	127	18
2250	2582	267	158
2250	2682	367	258
2250	2882	567	458
2350	2542	127	18
2350	2682	267	158
2350	2782	367	258
2350	2982	567	458
2450	2642	127	18
2450	2782	267	158
2450	2882	367	258
2450	3082	567	458

