



NEXT LEVEL SYSTEMS

PMT

N E X T L E V E L M O U N T I N G

PMT

Surpassing all expectations in the mounting of PV!
For us, this means offering first-class service, unlimited safety
and lasting quality.

Continuous development based on the requirements of our customers
enables us to act directly on the needs of the market. With numerous
national and international customers, we see our future in a global
orientation and would like to continue to grow.

WHO

WE

ARE

We are an innovative company dedicated to the development and construction of high quality PV mounting systems.

As a young and dynamic company, we pride ourselves on fostering a corporate culture characterized by openness, creativity and agility. Our goal is to challenge the status quo in the PV mounting industry and set new standards through technological innovations and unconventional approaches characterized by their stability, durability and optimized aerodynamics.

We strive to provide our customers not only with first-class products, but also with excellent customer service tailored to their individual needs.

QUALITY


PMT stands for high quality assembly solutions (general technical approval), reliability & certified quality management.

CUSTOMER FOCUS

With its origins in practice, the focus is on assembly-friendly click systems for fast and error-free assembly.

INNOVATION

Our goal is to provide simple technical solutions at the highest engineering standards, with well thought-out accessories and continuous product testing for consistent product quality.

A blue-tinted photograph of two men in a technical or industrial setting. The man on the left is seen in profile, looking towards the right. The man on the right is facing forward, looking slightly to his left. They appear to be in a workshop or laboratory with various mechanical components and cables visible in the background.

Reliable systems
developed in the heart of
the Franconian Forest.

RESEARCH + DEVELOPMENT

An aerial photograph of a large industrial facility, possibly a warehouse or distribution center, with a flat roof covered in solar panels. Numerous shipping containers are stacked in rows along the sides of the building. The entire image is overlaid with a semi-transparent green filter. The text 'QUALITY + SAFETY' is written in large, white, outlined capital letters across the upper left portion of the image.

QUALITY + SAFETY

With a mounting system
from PMT you decide for
quality and safety that goes far
beyond the usual market level.

PMT MOUNTING SYSTEMS

FLAT ROOF

PMT EVO 2.1 EW



PMT EVO 2.1 S



PMT X118



PITCHED ROOF

PMT FLAT DIRECT

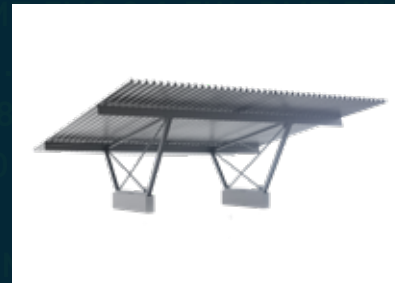


PMT GHOST



CARPORT

PMT CARPORT





PMT

EVO 2.1

PMT EVO 2.1

PRODUCT BENEFITS

Click Technology	Click technology for simple and error-free assembly
Ballast optimized	Developed in the wind tunnel, thus maximally ballast optimized
Adaptable	All module sizes up to 1300 mm width mountable
Lightning current	Lightning current carrying capacity
Accessories	Route connection, mechanical fastening points, side cover, bracket for irradiation sensor, cable duct cover, edge clip, ridge connector (rails and module direction), center support
Warranty	15 years
Universal module and ballast clamps	30 - 50 mm
Cable management	Integrated cable routing in longitudinal and transverse direction directly on the system
Product highlights	Larger supporting surface = better load distribution
	Relief for the insulation due to better load distribution
	For less loadable insulation, saving of the third floor rail
	ProPlates of PE-HD Recyclate



PMT EVO 2.1 EW

TECHNICAL DATA

Application type	Flat roof up to 5° (special projects up to 10° possible)
Inclination	10° & 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/m²
ProPlates	Protective Plate of PE-HD Recyclate No plasticizer migration
Certificates	Lightning current carrying system according to DIN EN 62561-1 (VDE 0185-561-1):2017-12 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 Recyclate
Suitable Modules	All common PV module sizes: Width: 985 – 1300 mm Length: 550 – 2407 mm Height: 30 – 50 mm

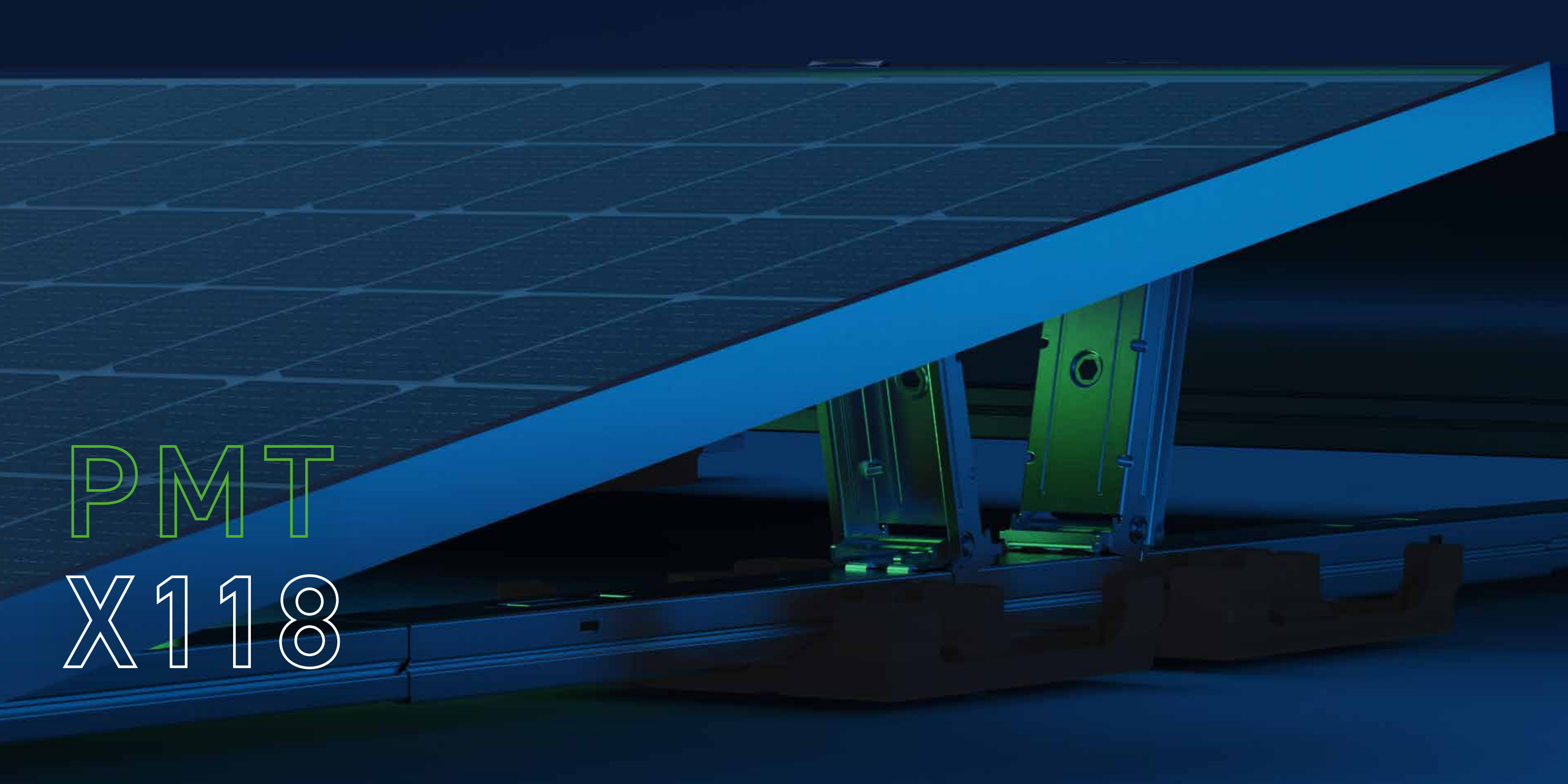


PMT EVO 2.1 S

TECHNICAL DATA

Application type	Flat roof up to 5° (special projects up to 10° possible)
Inclination	10° & 15°
Orientation	South
Roof covering	Foil (EPDM, PVC, TPO/FPO), bitumen, sheet metal, concrete ProPlate Gravel: Gravel + green roof
Standard spacing	1500 mm / 1650 mm / 1800 mm
Weight	System surface load incl. module and ballast from 9.5 kg/m²
ProPlates	Protective Plate of PE-HD Recyclate No plasticizer migration
Certificates	Lightning current carrying system according to DIN EN 62561-1 (VDE 0185-561-1):2017-12 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 Recyclate
Suitable Modules	All common PV module sizes: Width: 985 – 1300 mm Length: 550 – 2400 mm Height: 30 – 50 mm





PMT
X118

PMT X118

PRODUCT BENEFITS

1 system – 2 mounting types	Edge clamping, quarter point clamping
Installation time	Fast assembly due to components with a high degree of preassembly
Easy assembly	User-friendly assembly with only one tool due to intuitive Push & Click technology
Easy handling	Particularly easy handling of large modules due to swivelling module mounting; Less assembly effort
Easy maintenance	Easy assembly and disassembly of the modules; System can be dismantled
Safe mounting	Mounting without leaning on the module / no micro-cracks
EasyPlates	Large contact surface with little material; EasyPlates are included in the guarantee; No plasticiser migration = protection of the roof membrane
Low number of components	Higher material availability with simplified logistics
Roof load	No point load, but flat load; Better load distribution due to large activation surface, approx. 400 cm² per EasyPlate
Planning	Optimised use of space due to simplified recessing of interfering objects on the roof
Module fields	Large module fields (30 x 30 m) possible
Production	Made in EU / Germany

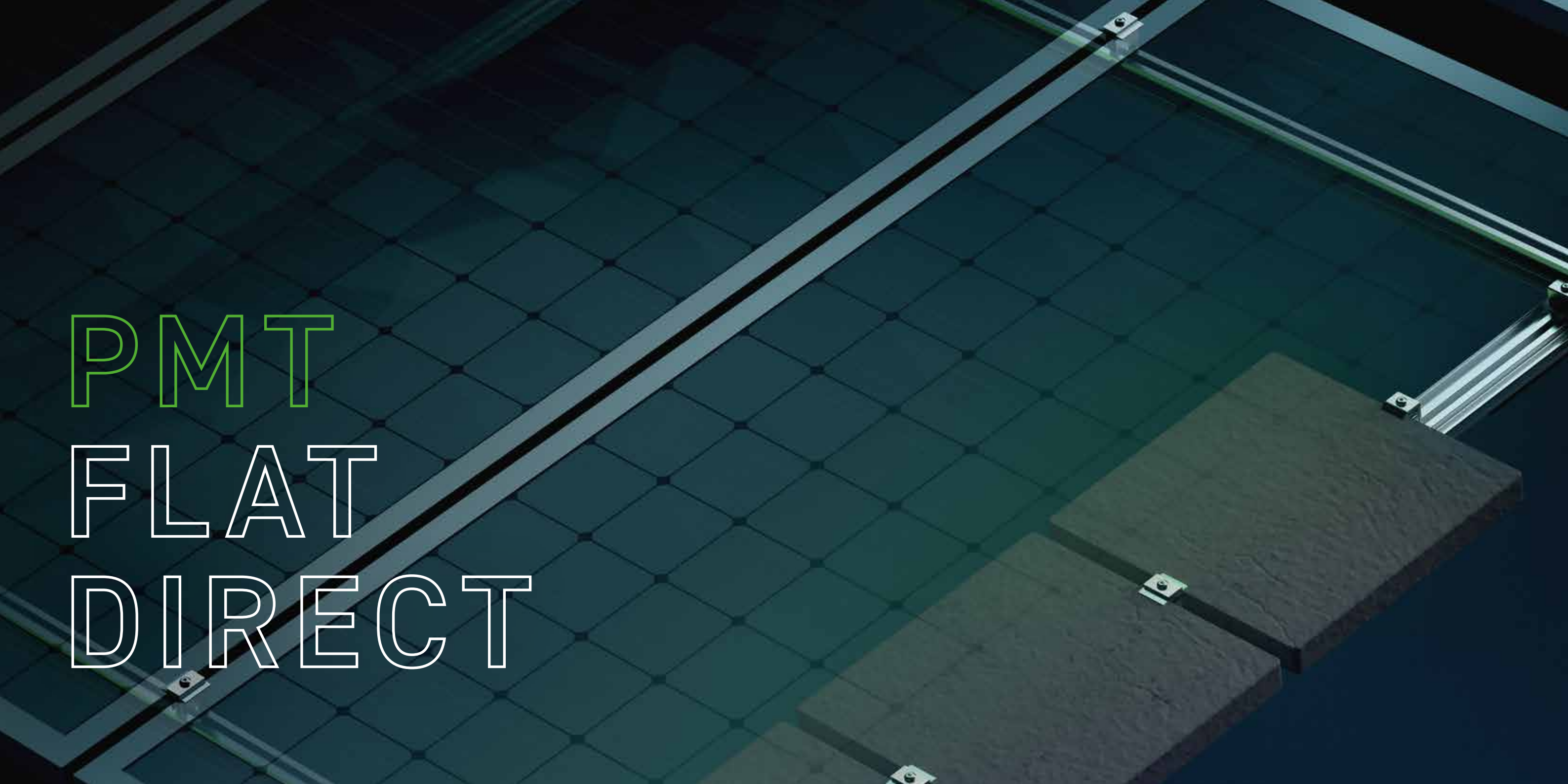


PMT X118

TECHNICAL DATA

Application type	Flat roof up to 10°
Roof inclination	10°
Orientation	East-West
Roof covering	Foil (EPDM, PVC, TPO/FPO), bitumen, concrete
Standard spacing	2384 mm / 2504 mm / 2629 mm / 2749 mm
Weight	System surface load incl. module without ballast from 12.5 kg/m²
EasyPlates	Protective Plate of PE-HD + GF20 No plasticizer migration
Material	Sheet steel S350GD / S550GD, Coating ZM310 PE-HD + GF20
PV module suitability	All common module sizes Edge clamping Length = 1.600 – 2.000 mm, Width = 990 – 1.230 mm Height = 30 – 40 mm Quarter point clamping Length = 1.600 – 2.500 mm, Width = 990 – 1.230 mm Height = 30 – 40 mm



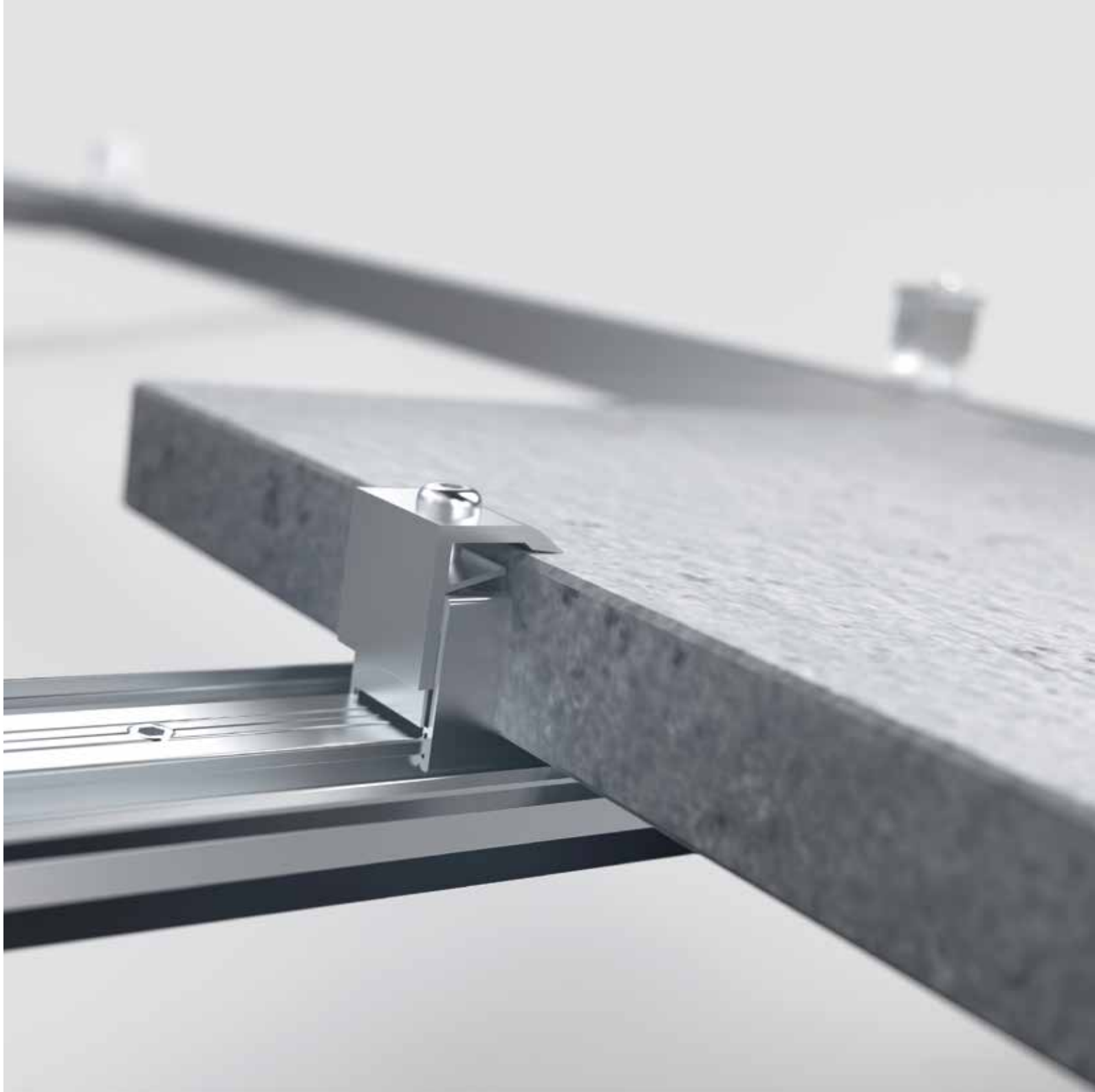


PMT
FLAT
DIRECT

PMT FLAT DIRECT

PRODUCT BENEFITS

Benefits	No roof penetration required
	Parallel mounting on the roof
	Usable up to 30°
	Connection from 1° recommended, from 5° required
	Can be mounted on many roof coverings Foil, bitumen, concrete, sandwich roofs up to a bead height of 70 mm
	Works with various roof types: Saddle, shed, butterfly, barrel and vaulted roofs
	Upright installation of the modules with a distance of 160 mm between the modules
	Lowest ballast values due to aerodynamic effects Air gap of 160 mm between modules
	High-tech protective mats of 11 mm with a non-slip coating (PE foam) and a high permanent compressive strength

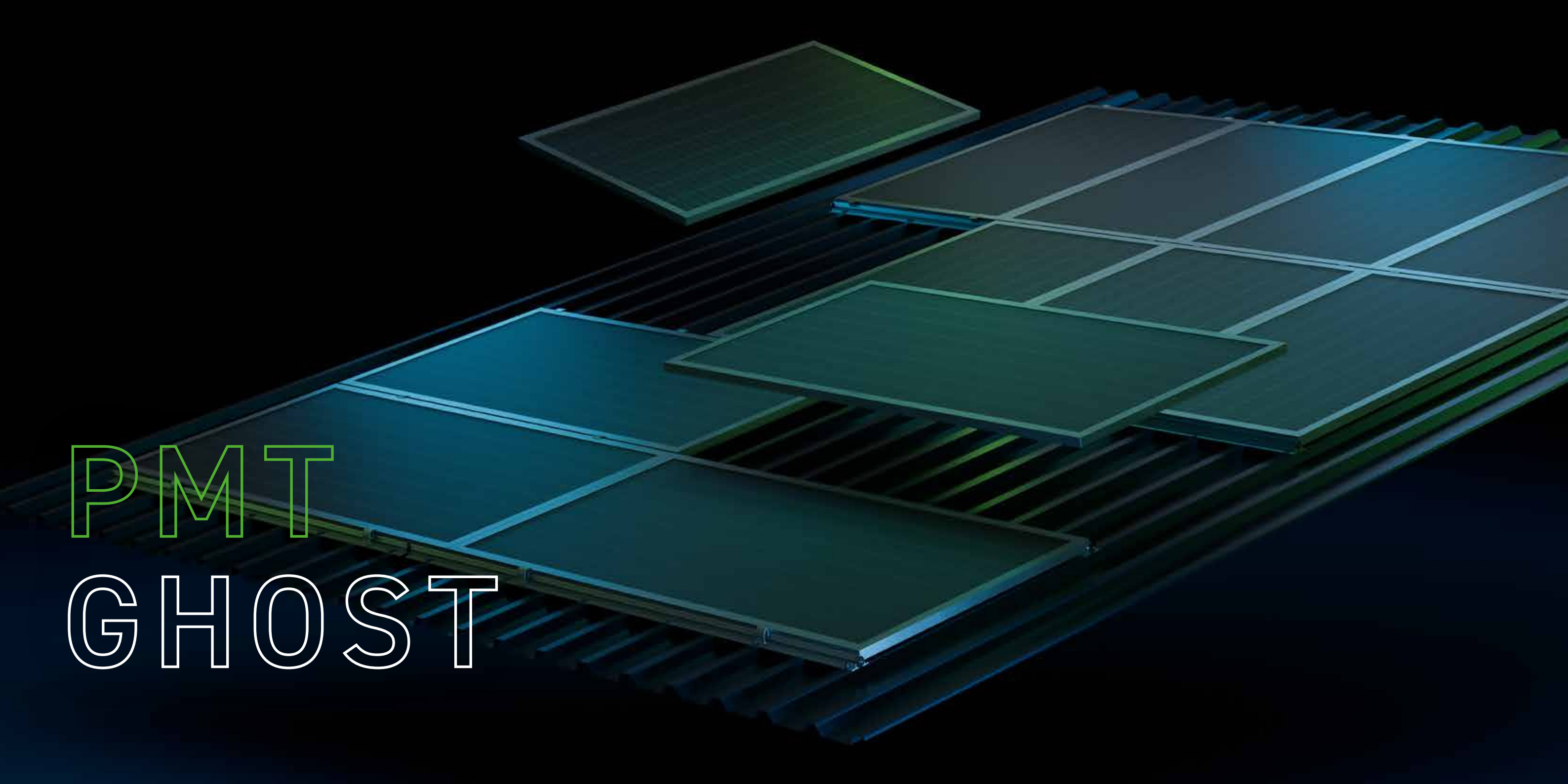


PMT FLAT DIRECT

TECHNICAL DATA

Application type	Pitched-, pent-, shedroof (special projects possible)
Roof inclination	0° to 30°
Roof covering	Film (EPDM, PVC, TPO/FPO), bitumen, concrete, sandwich
Roof connection	Possible without roof penetration
Minimum arrangement	2 rows á 3 modules 3 rows á 2 modules
Standard spacing	Module lenght X + 160mm from module edge to module edge (special projects possible) Details are to be found in the project report
Weight	Low sureface load 1,25kg/m² ca. 10,7kg/m² substructure + module
Material	High-quality aluminium EN-AW-6063-T3 and stainless steel A2-70
PV module suitability	All standard PV module sizes: Width: 980 – 1050 mm (1220mm*) Length: 1630 – 1870 mm (2110mm*) Height: 30 –50mm *on request





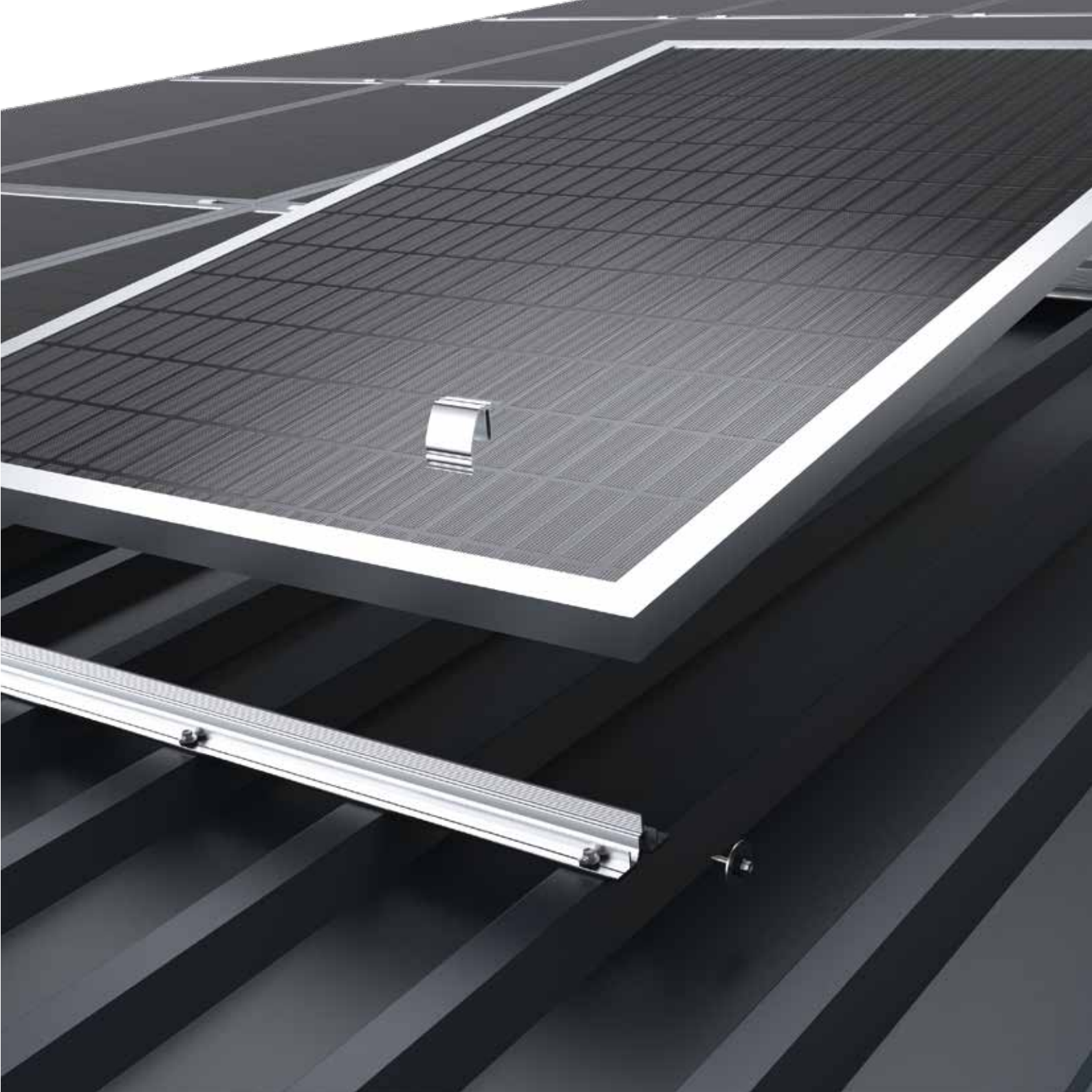
PMT
GHOST

PMT GHOST

PRODUCT BENEFITS *

Revolutionary design	Only three components: rail, detent cover and fastening
Everything is possible	Horizontal and vertical mounting as well as a combination possible, any module size with module frame height 30 – 40 mm can be installed with the same rail
Fast and easy installation	No screws are required to clamp the modules This reduces installation errors to a minimum
Logistics and storage optimised	Cost savings thanks to stackable rails, 140 rails per packaging unit for all available lengths
Cost efficiency	Comparatively favourable installation system in terms of material and installation time
Integrated cable management	Cables can be laid directly on the system
No thermal separation necessary	The floating modules mean that a larger number of module fields can be installed

* The manufacturer's specifications must be observed and approval must be obtained from the customer and the manufacturer.



PMT GHOST

TECHNICAL DATA *

Application types	Pitched-, pent-, shed- and butterfly roof
Roof inclination	0° to 75°
Roof covering	Trapezoidal steel sheet with a thickness of 0.75 - 1.0 mm
Roof connection	Screw connection with seal
Fastening	Non-cutting drill screw with AbZ
Material	Aluminium EN-AW-6060-T66 Stainless steel A2
Sealing and protective tape	EPDM 25 x 2 mm preassembled
Arrangement	Horizontal and vertical mounting, combination possible
1 system – 3 mounting types	Edge clamping, quarter point clamping, 6-point clamping possible
PV module suitability	All standard PV module sizes Framed modules with frame height 30 – 40 mm



* The manufacturer's specifications must be observed and approval must be obtained from the customer and the manufacturer.



PMT

CARPORT

PMT CARPORT

PRODUCT BENEFITS

Authorisation planning, construction and material supply from a single source

More than 10 years of market experience and a wide range of realised projects

Unique design

Versatile range of accessories

Integrable wallbox mounting option

Maximum parking space capacity thanks to 4 double parking spaces between two sockets

Integrated protection against collision due to prefabricated concrete base

Minimally invasive foundation by driven piles



PMT CARPORT

TECHNICAL DATA

Entry height	2.65 m / 3.75 m
Spacing between supports	Project-related
Depth of Roof	13 m (in standard version)
Length of roof	Unlimited
Roof pitch	10°
Impact protection	10 kN (for cars up to 3.0 tonnes)
Purlin	Wood or steel



PMT PLAN LIKE A PRO

Our PV planning software PMT PLAN supports you in the simple and secure planning of your PV project. Cloud-based, you can access it anytime and anywhere.

More information
<https://pmt.solutions/en/photovoltaik-planer/>





ACADEMY+ SERVICES

ACADEMY+SERVICES

Installation instructions	We accompany you on the construction site: support on site for smooth and successful projects
Installation training	Get to know systems properly during a training course: in-depth knowledge through practical exercises for safe handling of the system
Get to know roof connections for all substrates	Comprehensive expertise for flexible and safe installations on different roof types
From beginner to advanced to professional	Complete mastery of the planning steps for efficient and and error-free projects
Training for specific applications	Targeted knowledge for specific project project situations and requirements
Customer support via email & telephone	Immediate and personalised help for urgent matters
Multi-level project security	Increased reliability and security for your projects
PMT PROOF LITE	We visit and check the finished system for construction defects and technical faults
PMT PROOF CLASSIC	Visit and inspection of the finished system + wind load certificate from the IFI, Securing against caterpillar effect & insulation test
PMT PROOF PREMIUM	Inspection of the finished system; wind load certificate from the IFI, protection against caterpillar effect, insulation test, training for installation personnel and, if possible, drone flight over the system



WE ARE
HAPPY TO
ADVISE YOU

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