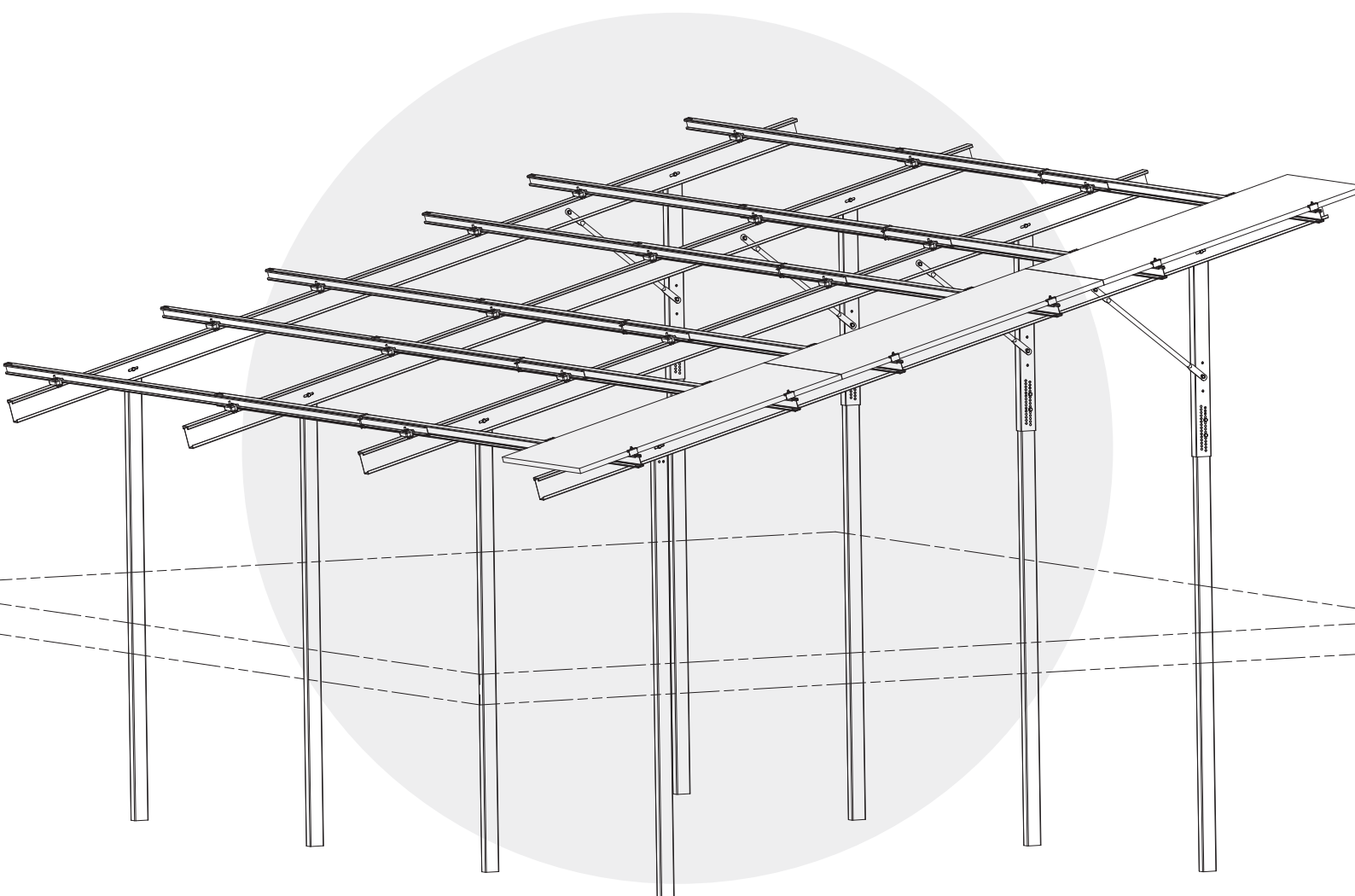


PMT TITAN

PRODUCT DATASHEET

PATENT
PENDING



PERFECTLY PLANNED, EASY TO INSTALL

PMT TITAN – Maximum area flexibility – for small and large projects.
PMT TITAN turns unused areas into high-performance PV systems. Thanks to standardised components and innovative assembly from below, you save time and money – and complete projects in record time.

PMT TITAN PRODUCT DATASHEET

PRODUCT ADVANTAGES

Standardised and perfectly matched components

Minimum number of all required components

Optimised warehousing

Short delivery times

Quick, intuitive and simple assembly

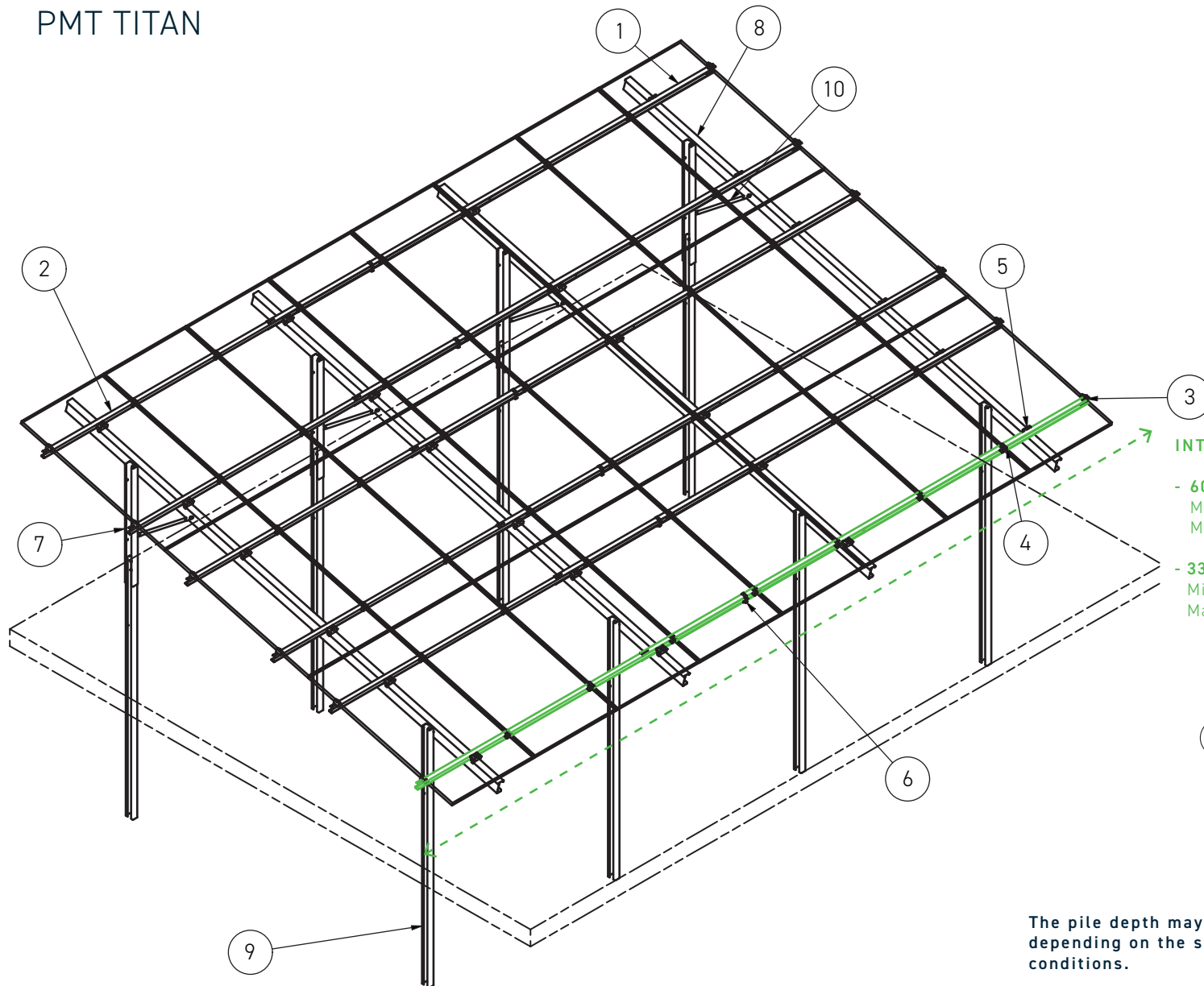
Reduction of assembly time and costs

TECHNICAL DATA

Area of application	Fixed-mounted, open-field systems with driven foundation
Orientation	South and east-west
Table inclination	10 – 20 ° (continuously variable)
Material	Profiles: Steel S350 coating ZM 310 Screws, nuts and washers: A2 stainless steel + nickel-strike coating
Module layout	Vertical and horizontal assembly 3-4 modules on top of each other (5,100 - 7,800 mm module field depth) from 3 modules next to each other (from 3,400 mm module field length) Can be extended as required thanks to telescoping purlins
Modules	Length: 1700 – 2500 mm Width: 1000 – 1350 mm Height: 25 – 35 mm
Clamp versions	Quarter-point clamping and 6-point clamping possible (more purlins)
Terrain slope	up to 10°
Pile depth	Varies depending on the soil analysis
Ridge gap	East-west 10–40 cm for optimal aerodynamics
Eaves gap	80–120 cm (grazing height for sheep)
Row spacing	Flexible (taking shading into account)
Wind/snow load	Unrestricted use (even in coastal areas) free dimensioning via number of posts and purlins
Structural design	customised structural design based on local conditions

TECHNICAL DATA SHEET

PMT TITAN



COMPONENT LIST

Property	Count	Description
1	6	TITAN outer purlin
2	6	TITAN interior purlin
3	12	TITAN Module end clamp
4	42	TITAN Module middle clamp
5	24	TITAN cross clamp
6	6	TITAN purlin clamp
7	4	TITAN C-profile extension
8	4	TITAN rafters
9	8	TITAN C-profile driven posts
10	4	TITAN diagonals
11	24	TITAN M12 collar nut M12 A2 TITAN hexagonal screw M12x30 A2 TITAN disc M12 A2

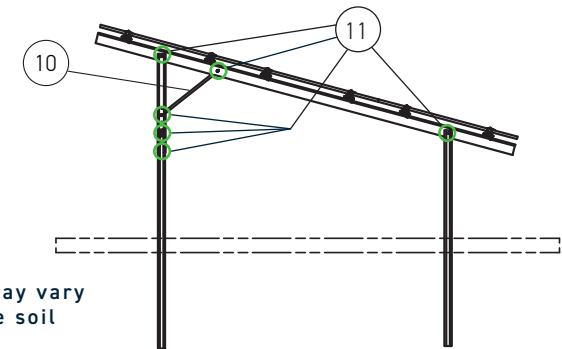
INTERIOR AND OUTER PURLINS INSERTED INTO EACH OTHER

- 6000 mm purlin (400 mm overlap)

Min. 6080 – Max. 11600 mm
Max. Module area 11440 mm

- 3310 mm purlin (400 mm overlap)

Min. 3390 – Max. 6220 mm
Max. Module area 6060 mm

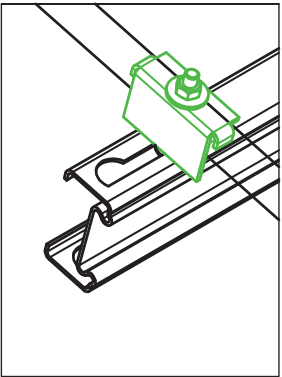


The pile depth may vary depending on the soil conditions.

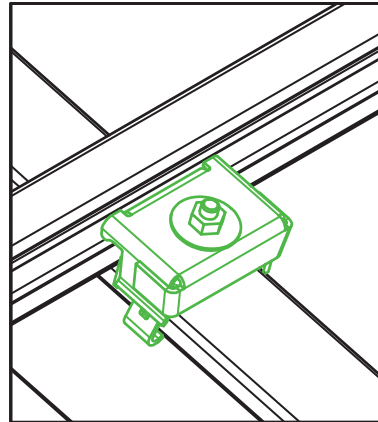
TECHNICAL DATA SHEET

PMT TITAN

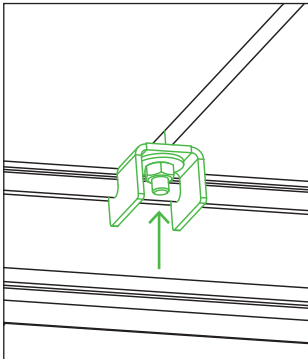
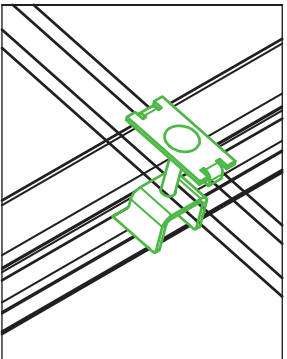
TITAN MODULE END CLAMP



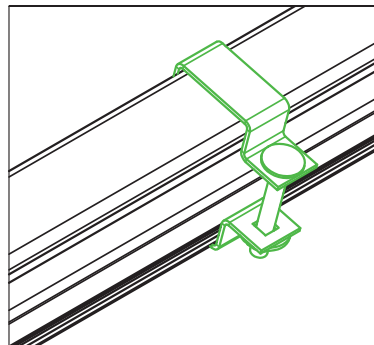
TITAN CROSS CLAMP



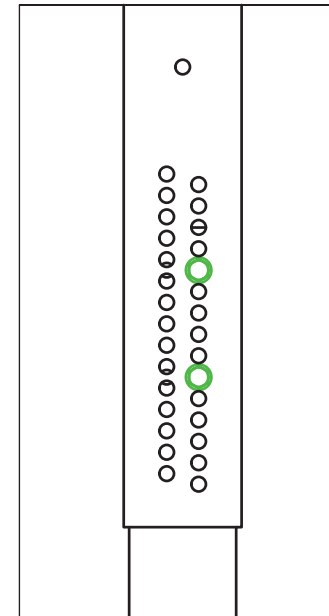
TITAN MODULE MIDDLE CLAMP



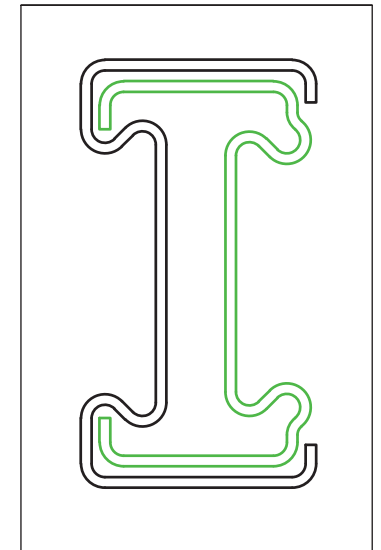
TITAN PURLIN CLAMP



ANGLE ADJUSTMENT



TITAN OUTER AND INTERIOR PURLIN



TELESCOPIC PURLINS

