



SOLMET
SOLAR MOUNTING SYSTEMS
www.solmet.com.tr



SOLMET

**We
produce
for our
future!**





SOLMET

ABOUT US

SOLMET was founded in 2015 in Bursa, the developing center of the Turkish industry, to provide Solar Energy Mounting Systems, Cable Tray and Accessories, Junction Boxes, Electrical Enclosures, Special Roof Profiles, and Various Metal Material production services.

Since its establishment, it has become one of the country's leading metal processing and production facilities with its experienced staff and 25 years of knowledge. In a short time, it has reached a prestigious level with its emphasis on R&D, talent in analyzing the real needs of the sector, and dynamic, self-proclaimed team.

Solmet develops different solutions for all kinds of ground and roof applications and offers different solutions to its partners with Aluminum, Stainless Steel, Galvanized, and Magnelis coating raw material options in Solar Energy Mounting Systems. Solmet provides ideal solutions by combining high engineering power with advanced technology machinery and equipment in Solar Power Plant designs. Solmet leading the development of the energy sector thanks to its ability to manufacture the mounting systems for the Solar Power Plant at international standards and meet the flexible market demands in the sector.

Our company maintains all metal systems and products in its product range in compliance with ISO 9001 Quality Management, ISO 45001 Occupational Health and Safety Management, ISO 14001 Environmental Management System and European Standards, and also CE certification. Solmet has achieved great success in both local and international projects through collaborations with leading companies in the sector worldwide and has always been determined to meet the needs of the energy sector. Continuing its production activities in a facility of a total of 5000 square meters, easily meets the needs of the sector with a monthly metal production of 6000 tons and a capacity of 100 MW.

Solmet guarantees high quality, the best price, the shortest delivery terms and, it always aims for long-term collaboration with its partners by providing technical support in every step of the business thanks to its knowledge and skills of 25 years.

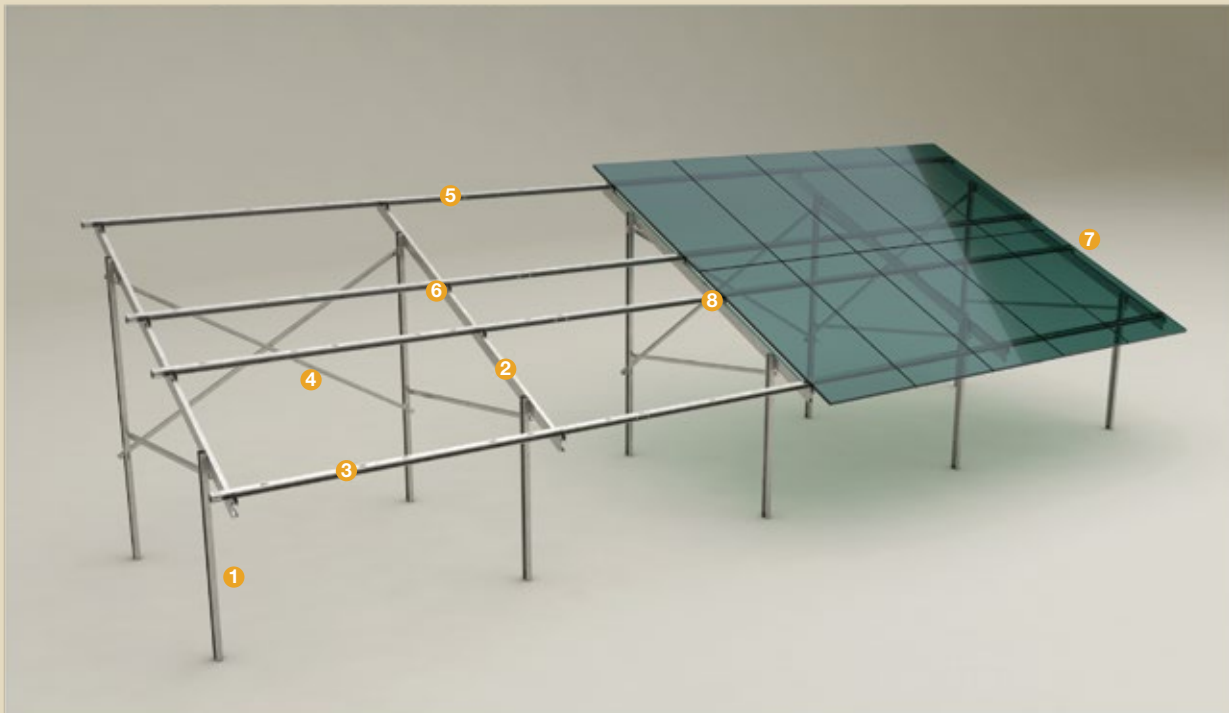
With its continuous improvement, its development motto is always producing for the future.





GROUND FIXED

Solar Mounting
System



SMO1: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Ground-driven steel support and mounting system with 2 vertical panels for open terrain solar panels.

The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



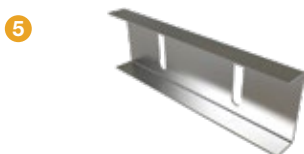
STEEL PURLIN



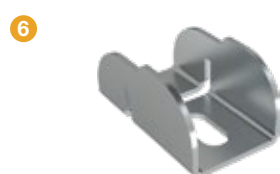
STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

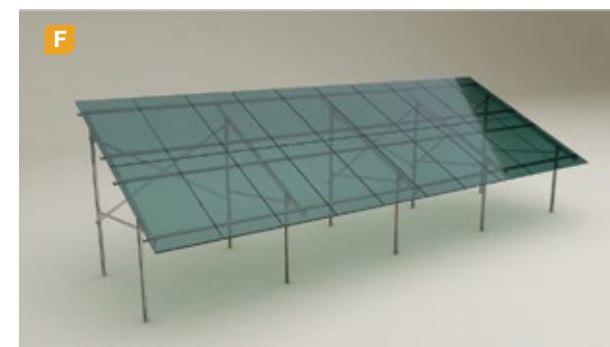
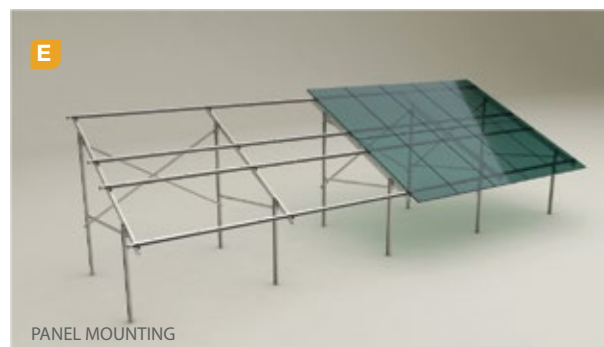


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

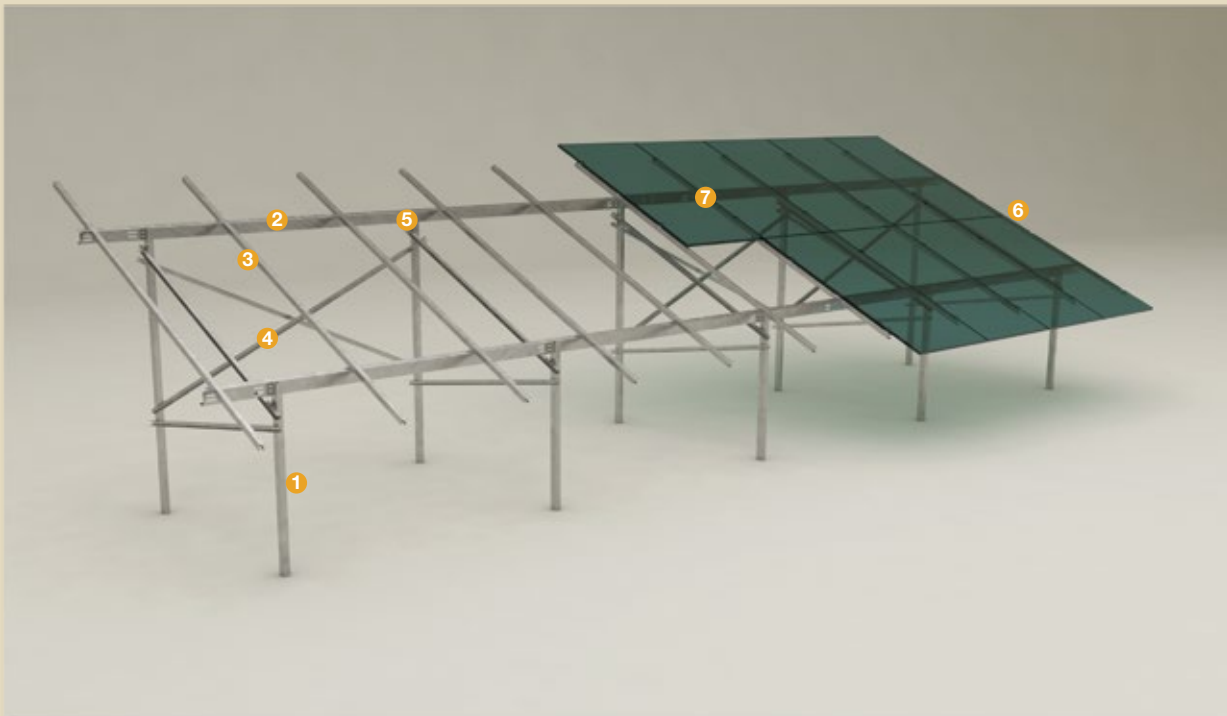
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912,
A2-70 DIN 50979



SMO 1-B: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Ground-driven steel support and mounting system with 2 vertical panels for open terrain solar panels.

The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



ANGLE STEEL BEAM



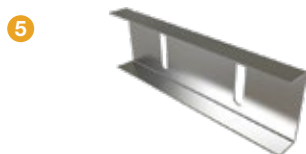
STEEL PURLIN



STEEL SUPPORT



CONNECTOR JOINING PIECE

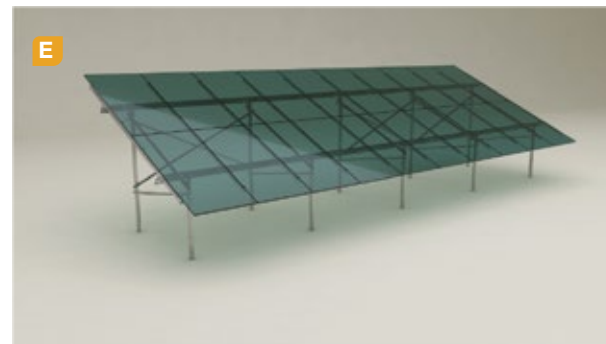
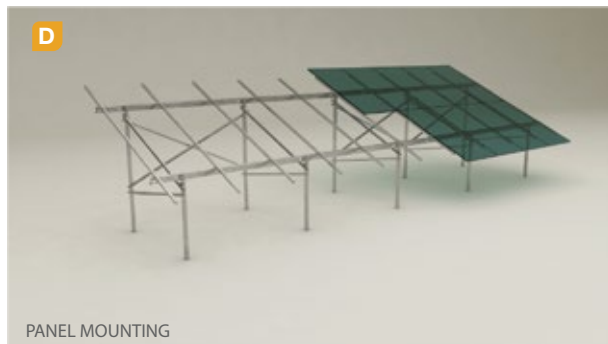


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 20 – 25 – 30 degrees

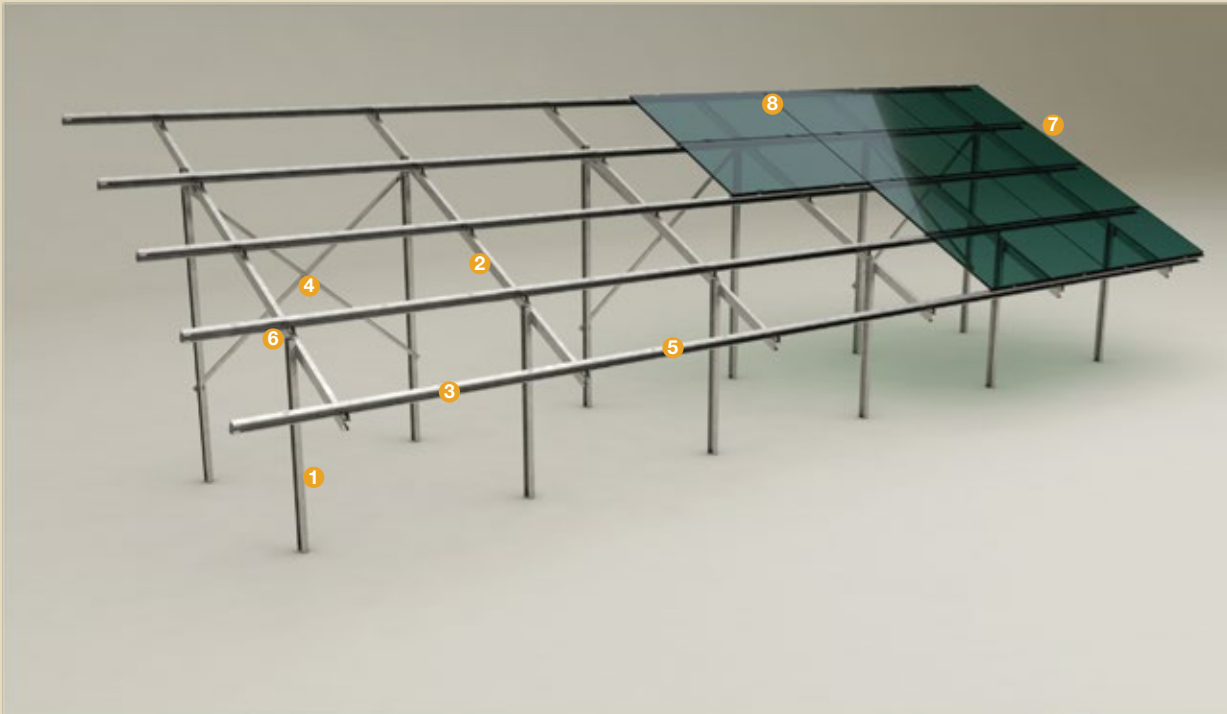
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912,
A2-70 DIN 50979



SMO2: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Ground-driven steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



STEEL PURLIN



STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

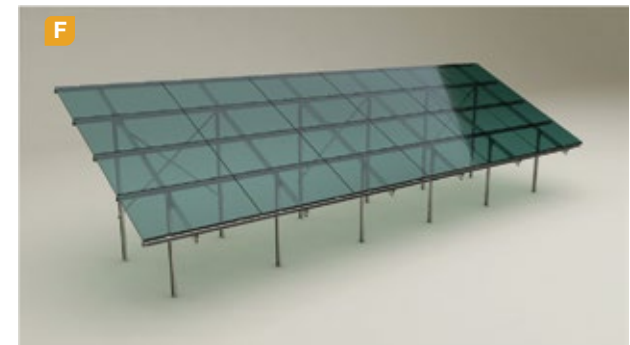
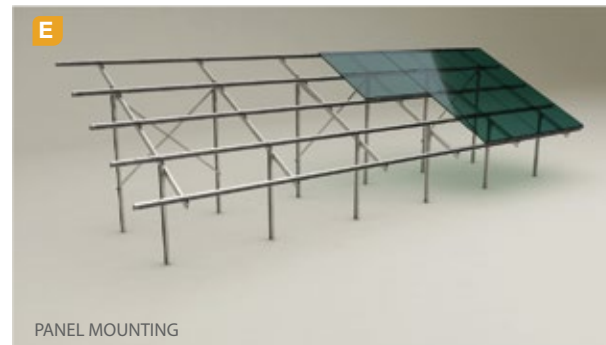


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

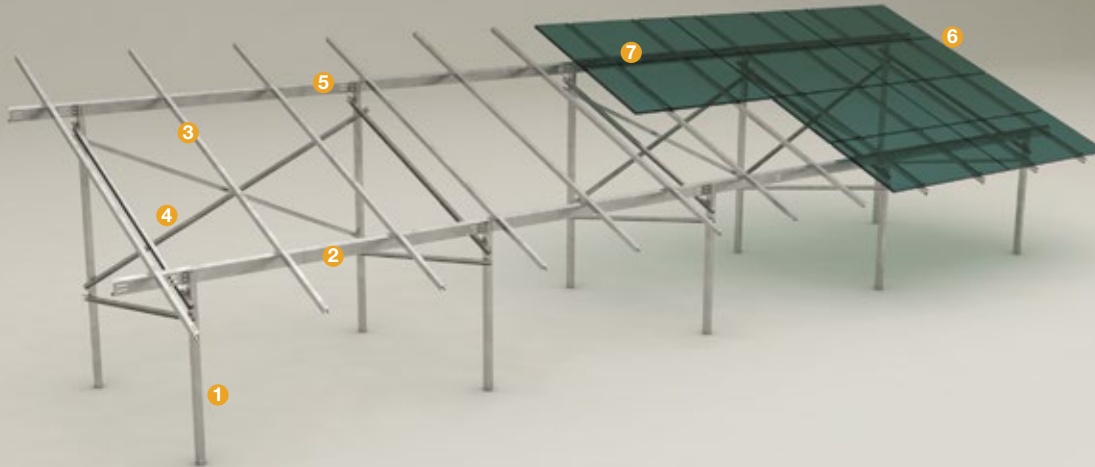
Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979

SMO2-B: GROUND DRIVEN STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS



Ground-driven steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



ANGLE STEEL BEAM



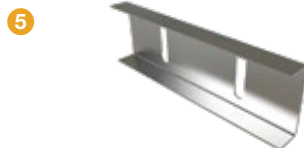
STEEL PURLIN



STEEL SUPPORT



CONNECTOR JOINING PIECE

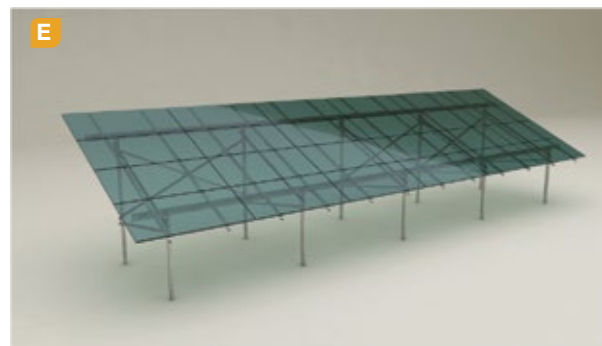
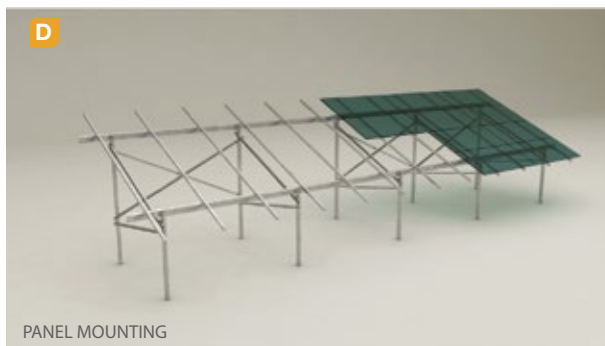


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 20 – 25 – 30 degrees

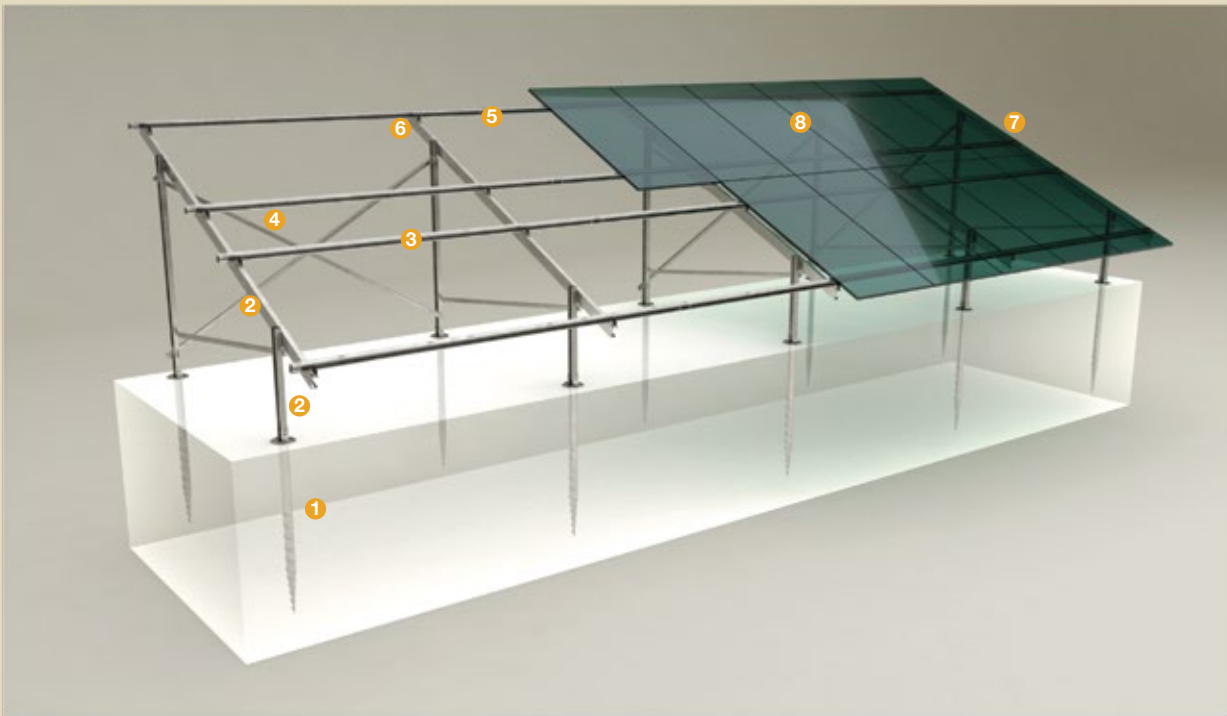
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



SMO3: GROUND SCREWED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Ground-screwed steel support and mounting system for open terrain solar panels with 2 vertical panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

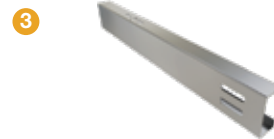
SCREW PILE



STEEL COLUMN-STEEL BEAM



STEEL PURLIN



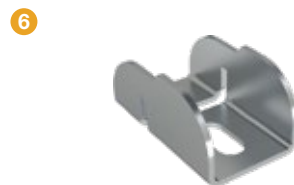
STEEL SUPPORT



PURLIN CONNECTOR PIECE



PURLIN CONNECTOR

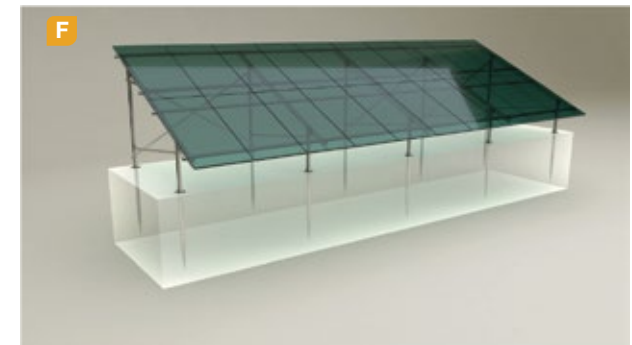
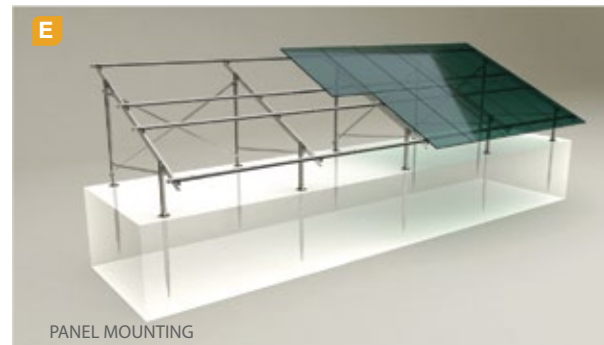


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

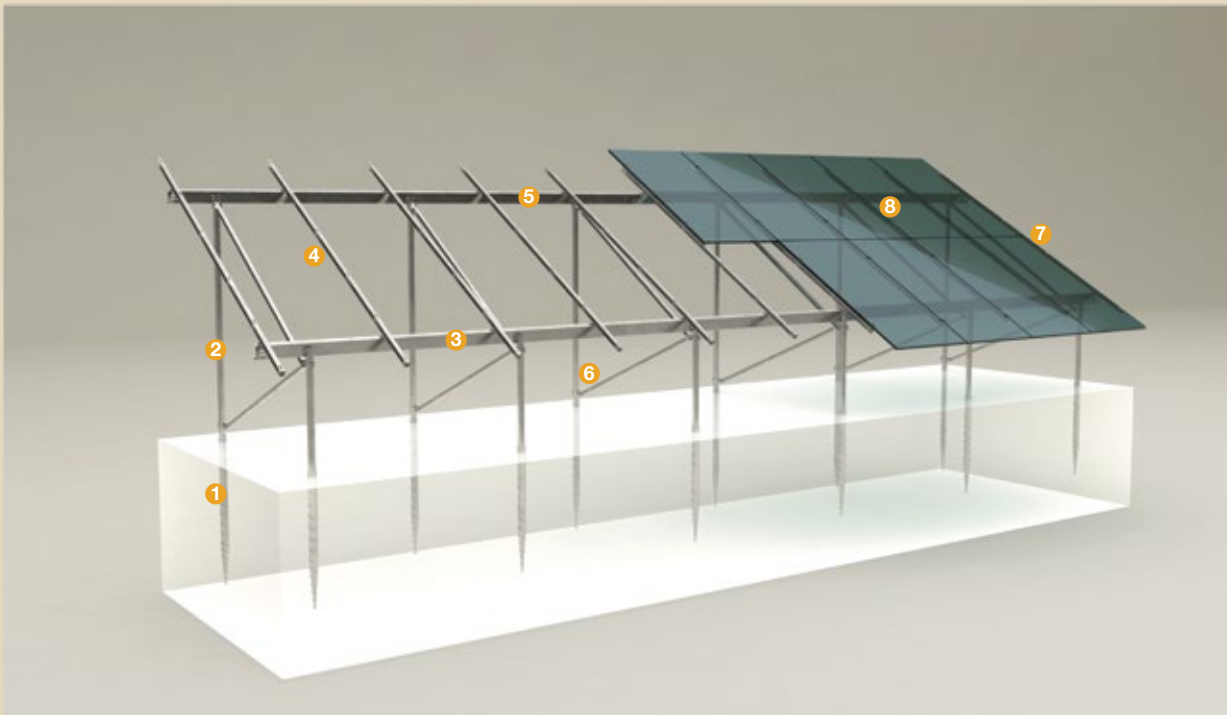
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 934 / DIN933 / DIN 912,
A2-70 DIN 50979



SM03-B: GROUND SCREWED STEEL PIPE MOUNTING SYSTEM WITH 2 VERTICAL PANELS

Ground-screwed steel pipe and mounting system for open terrain solar panels with 2 vertical panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

SCREW PILE



CONNECTOR JOINING PIECE



STEEL PIPE



PIPE CLAMP



ANGLE STEEL BEAM



PANEL SIDE RETAINER

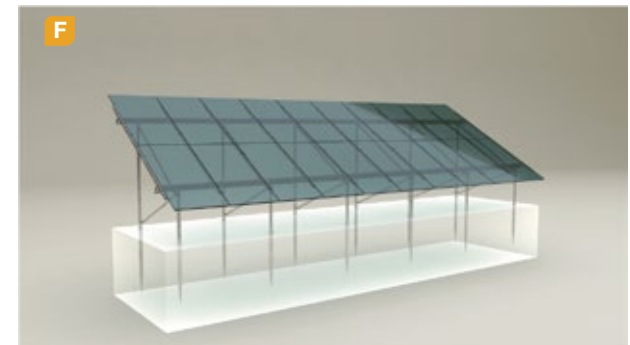
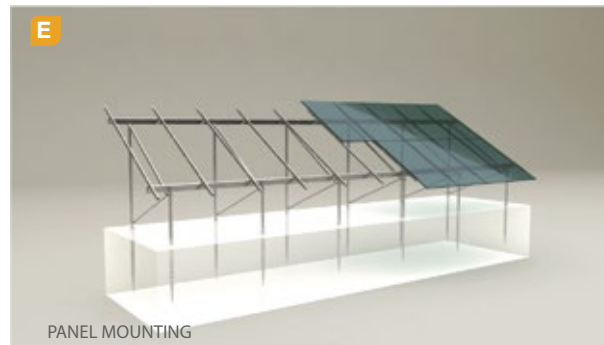
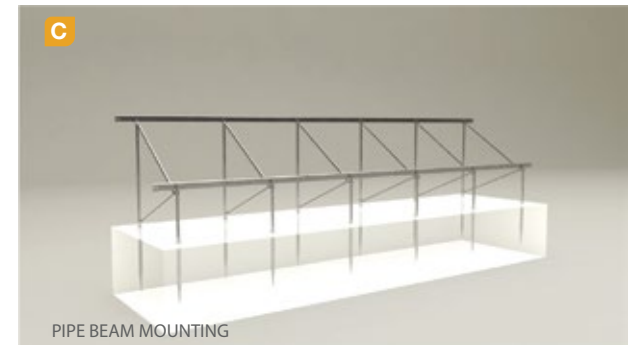
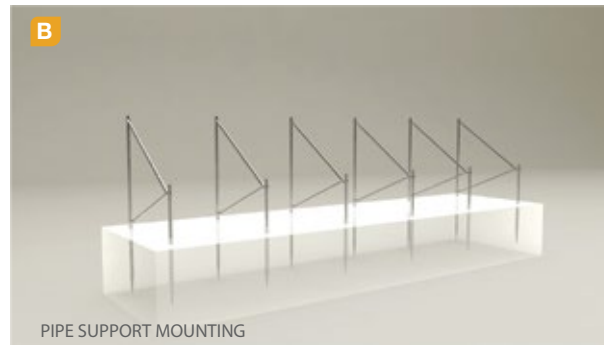
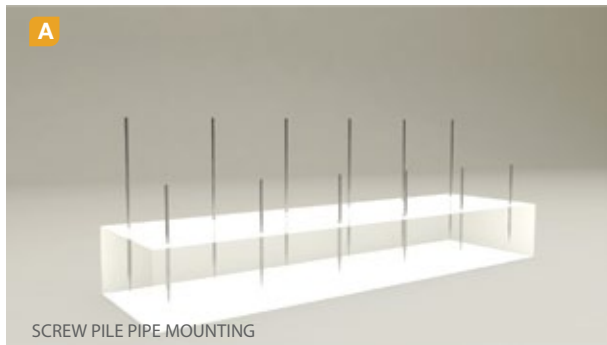


STEEL PURLIN



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

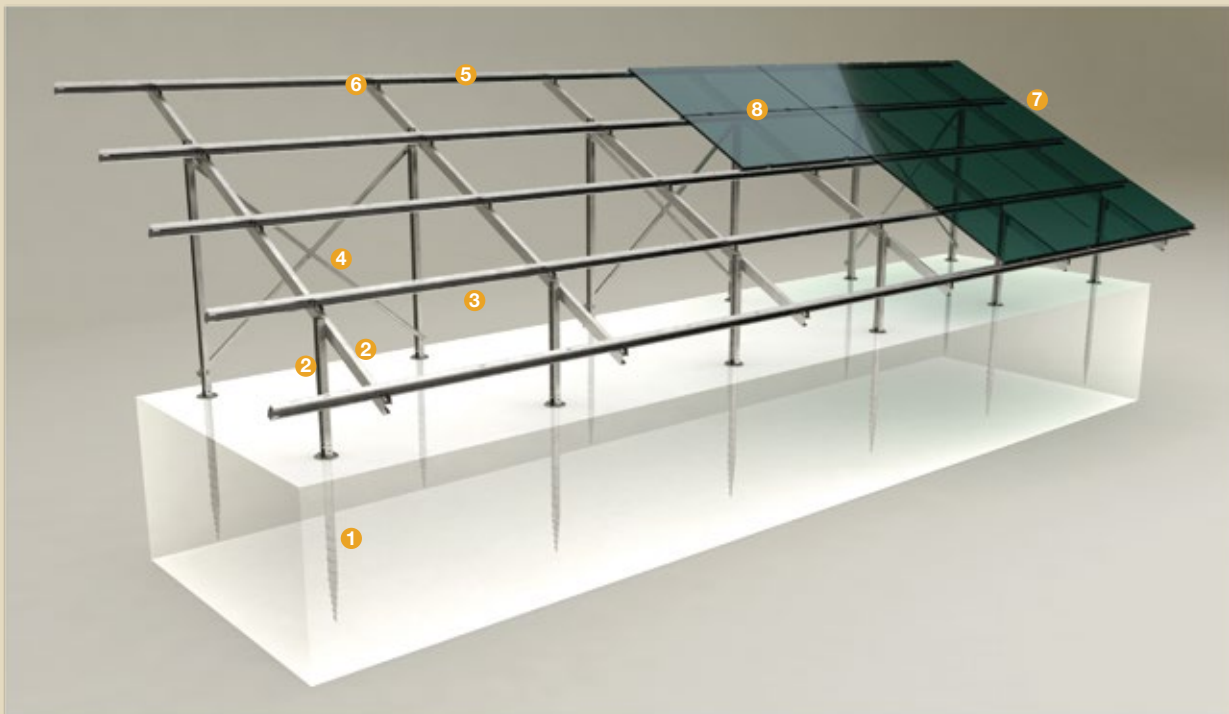
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 934 / DIN933 / DIN 912,
A2-70 DIN 50979



SMO4: GROUND SCREWED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Ground-screwed steel support and mounting system for open terrain solar panels with 4 horizontal panels installed to the ground with screw piles. The system is an optimal application solution for installations of PV projects on irregular terrains. The screw piles have high-strength properties and can be used any time of the year for application purposes. They are not affected by vibrations generated by ambient conditions such as wind or storm due to their high load strength. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

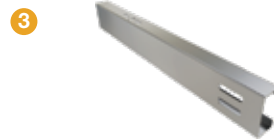
SCREW PILE



STEEL COLUMN-STEEL BEAM



STEEL PURLIN



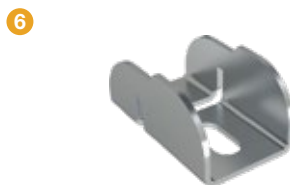
STEEL SUPPORT



PURLIN CONNECTOR PIECE



PURLIN CONNECTOR

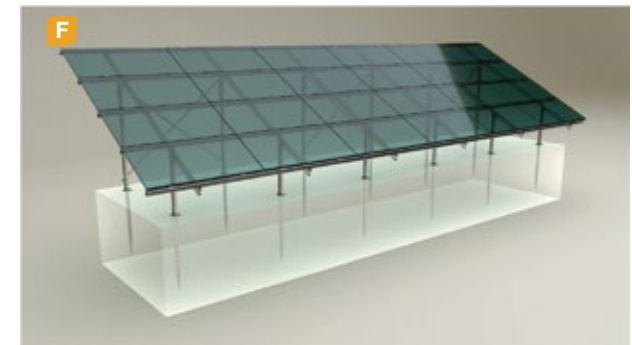
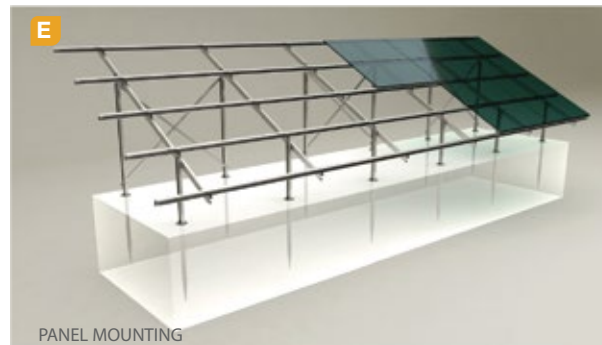
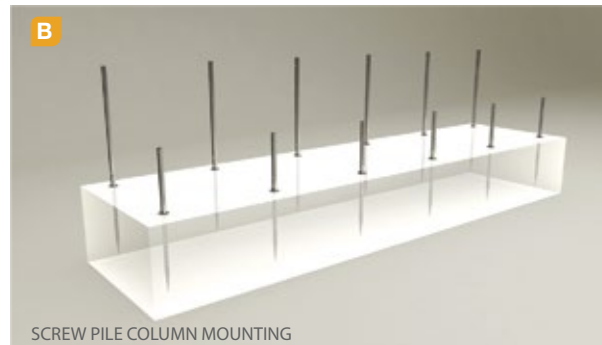


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Screwing

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

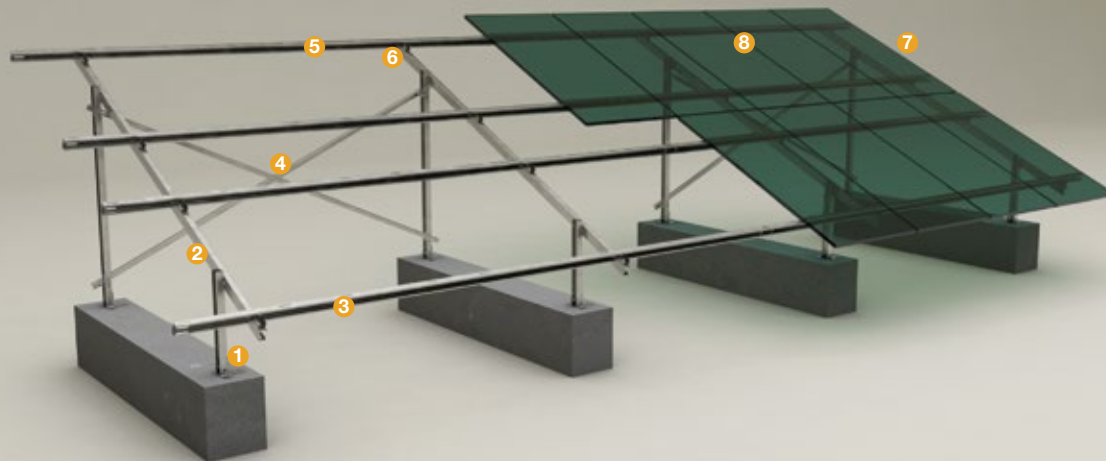
Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979

SM05: CONCRETE BASE ANCHORED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Concrete base anchored steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an ideal application solution for PV project installations on sloped medium and large-sized terrains. It provides the necessary strength and stability for application on loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN

1



STEEL BEAM

2



STEEL PURLIN

3



STEEL SUPPORT

4



PURLIN CONNECTOR JOINING PIECE

5



PURLIN CONNECTOR

6



PANEL SIDE RETAINER

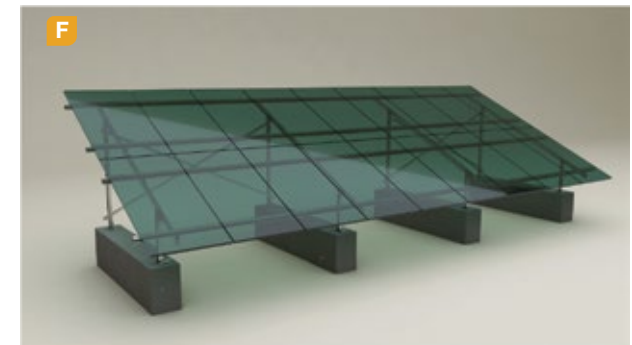
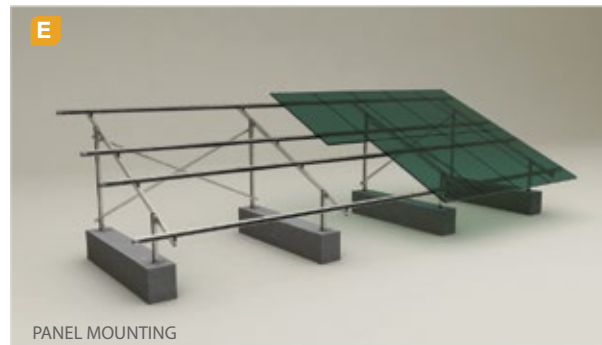
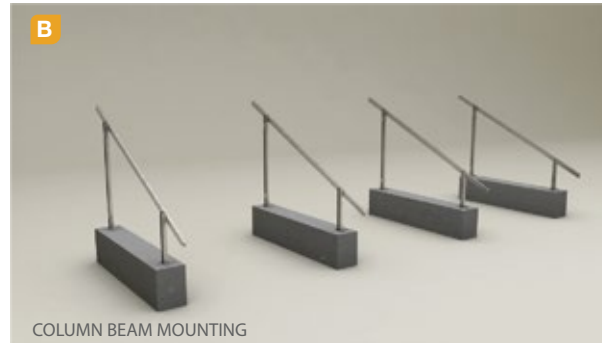
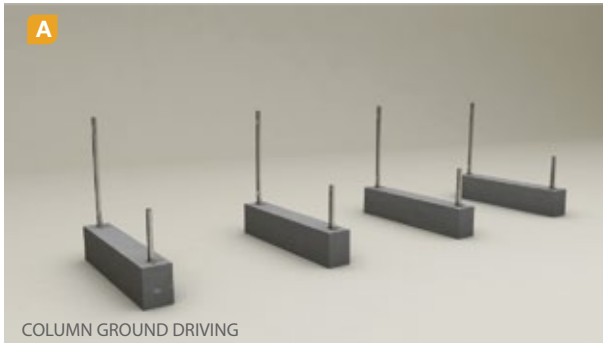
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PANEL CENTER RETAINER

8





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

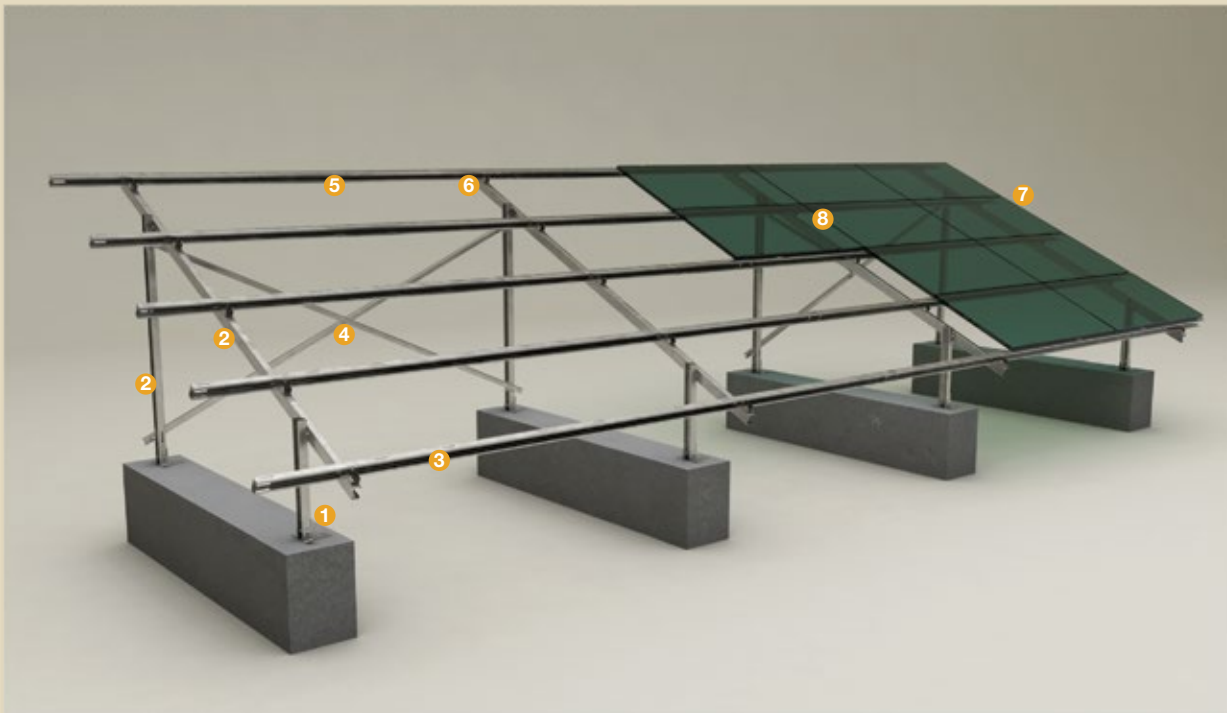
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



SM06: CONCRETE BASE ANCHORED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Concrete base anchored steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an ideal application solution for PV project installations on sloped medium and large-sized terrains. It provides the necessary strength and stability for application on loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN

1



STEEL BEAM

2



STEEL PURLIN

3



STEEL SUPPORT

4



PURLIN CONNECTOR JOINING PIECE

5



PURLIN CONNECTOR

6



PANEL SIDE RETAINER

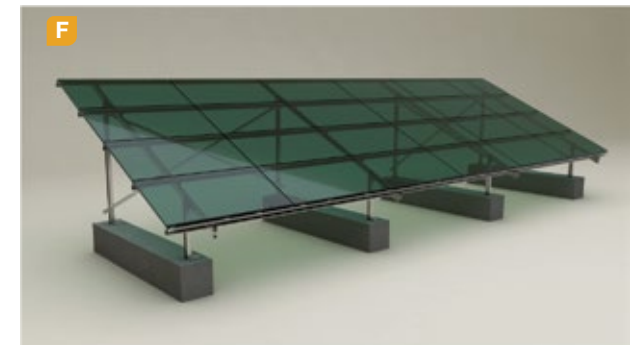
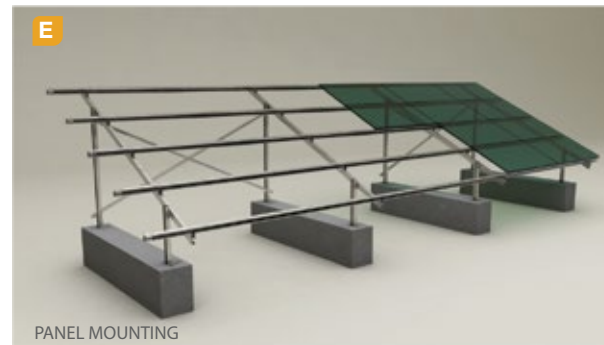
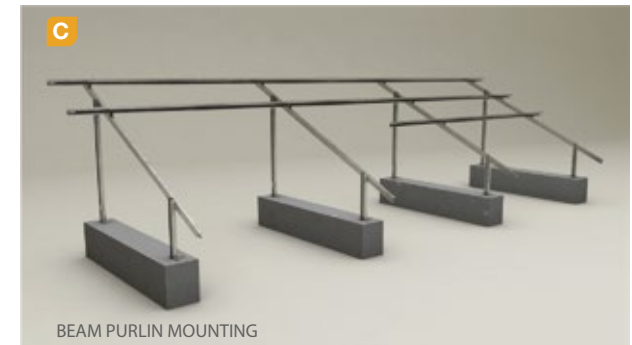
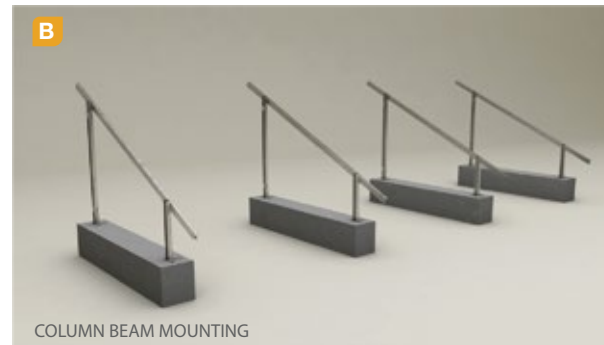
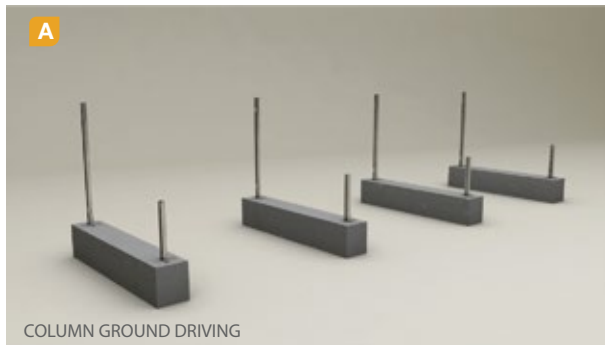
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PANEL CENTER RETAINER

8





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

SM07: CONCRETE EMBEDDED STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Concrete embedded steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an ideal application solution for PV project installations on medium and large-sized terrains with loose ground. Necessary strength is achieved by application in loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



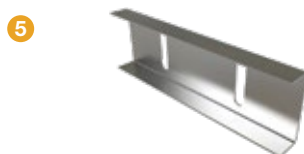
STEEL PURLIN



STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

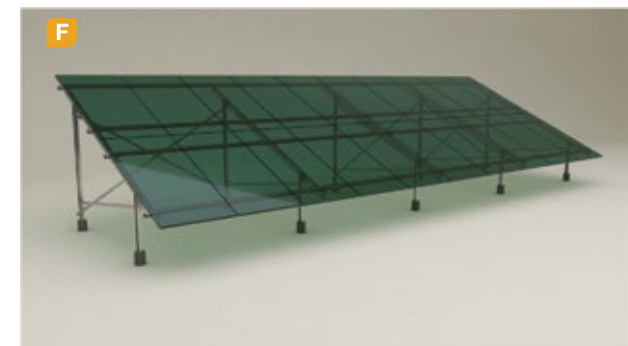
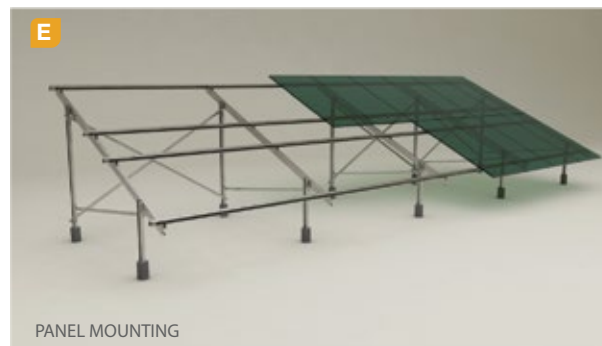
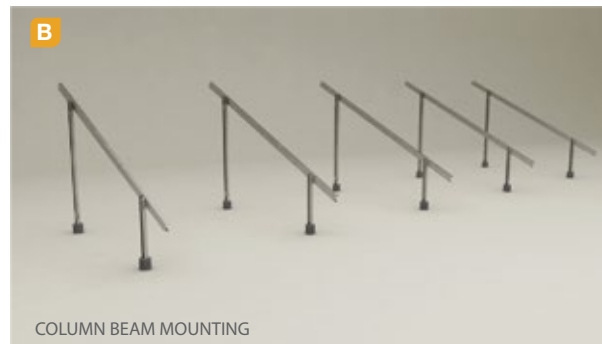
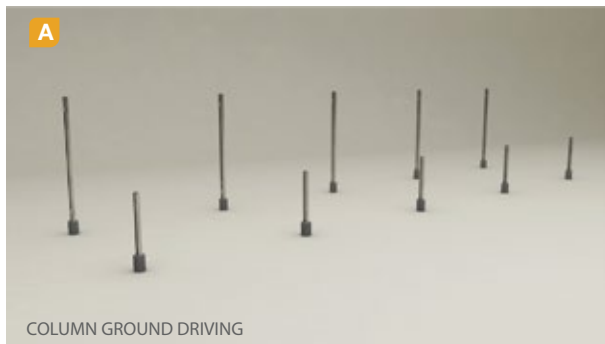


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded Column

Tilt Angle: 0-60 degrees

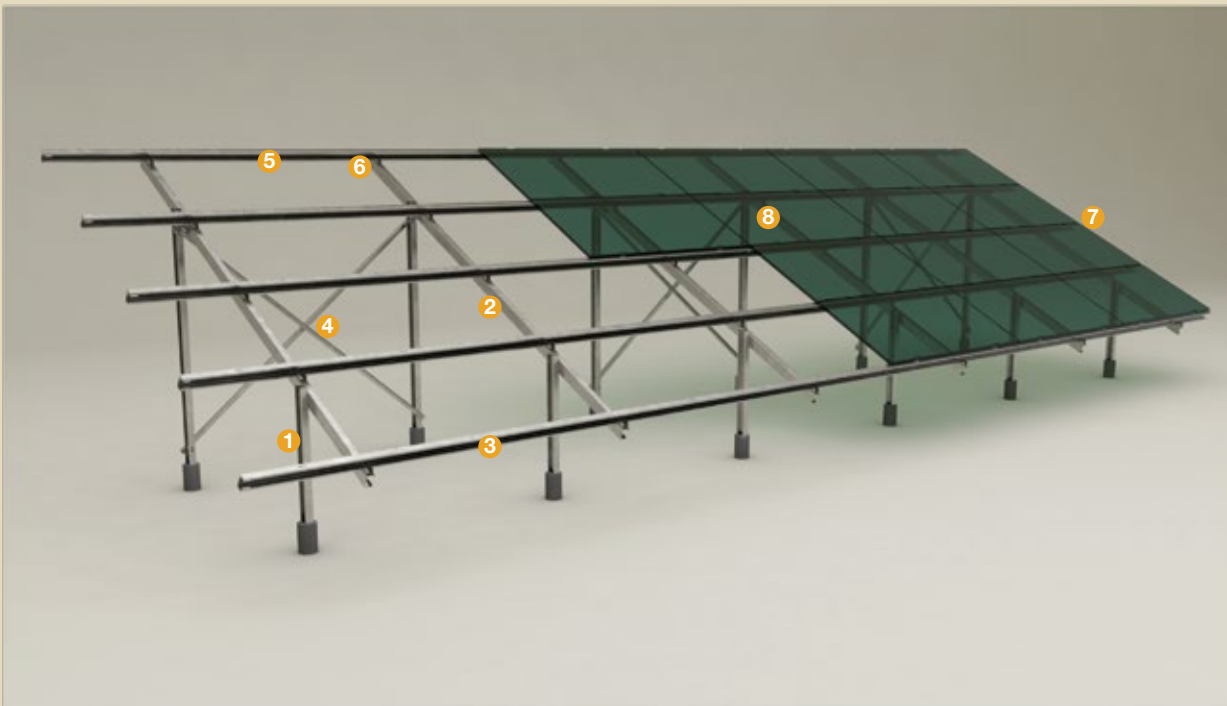
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM08: CONCRETE EMBEDDED STEEL MOUNTING SYSTEM WITH 4 HORIZONTAL PANELS

Concrete embedded steel support and mounting system with 4 horizontal panels for open terrain solar panels. The system is an ideal application solution for PV project installations on medium and large-sized terrains with loose ground. Necessary strength is achieved by application in loose ground. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



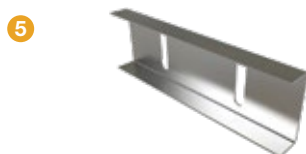
STEEL PURLIN



STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

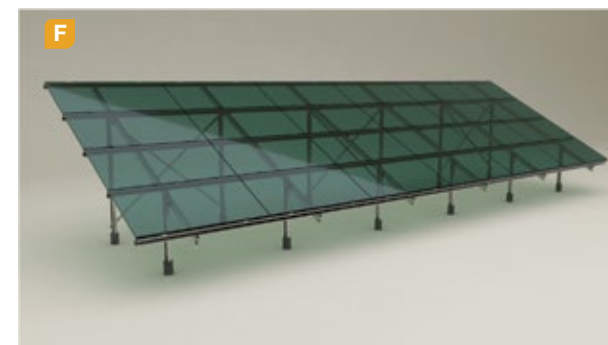
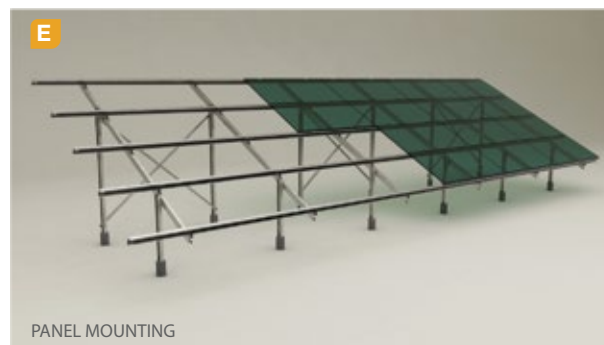


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded Column

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

SM09: GROUND DRIVEN SINGLE COLUMN STEEL MOUNTING SYSTEM WITH 2 VERTICAL PANELS



Ground-driven single-column steel support and mounting system with 2 vertical panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. It is used extensively on hard ground to decrease the number of legs and cost. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



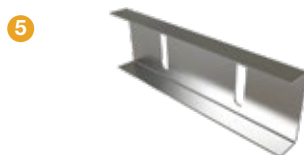
STEEL PURLIN



STEEL SUPPORT



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

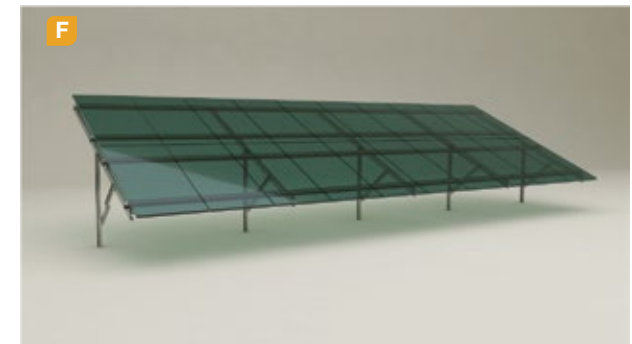
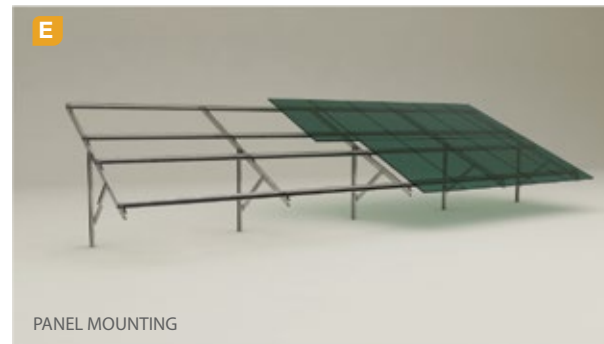
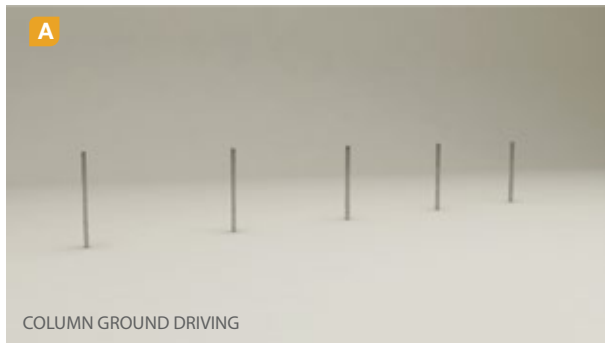


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 0-60 degrees

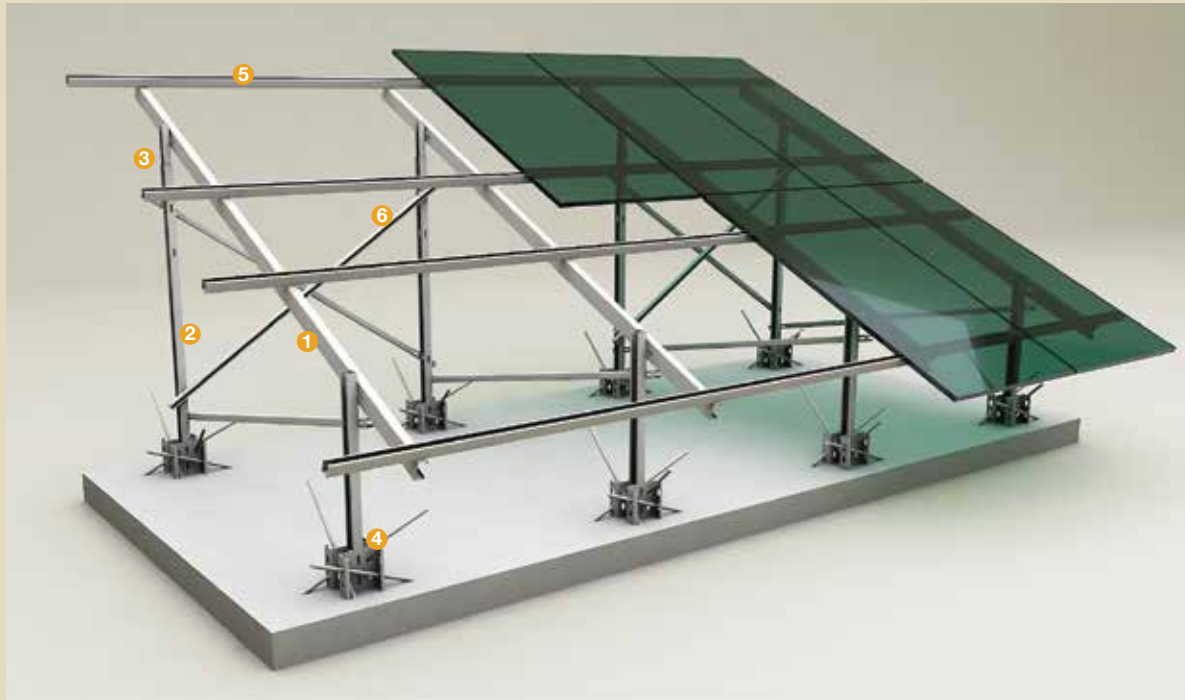
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM-AAS: ADJUSTABLE ANGLE SYSTEM

An angle adjustment system achieved by manually adjusting the interlocking rear columns. Easy assembly and adjustment to the desired angle is possible depending on the installation location. The system features easy mounting with special anchors secured to the columns using iron stakes driven into the ground.

BEAM



PURLIN



COLUMN



BRACE

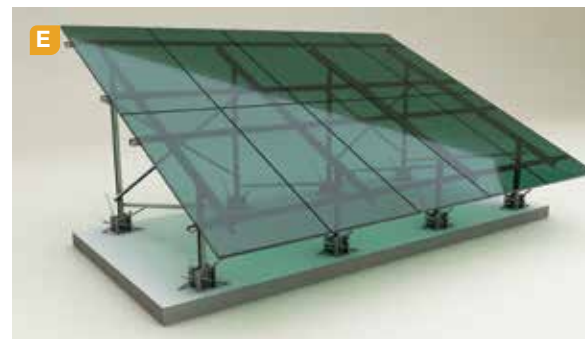
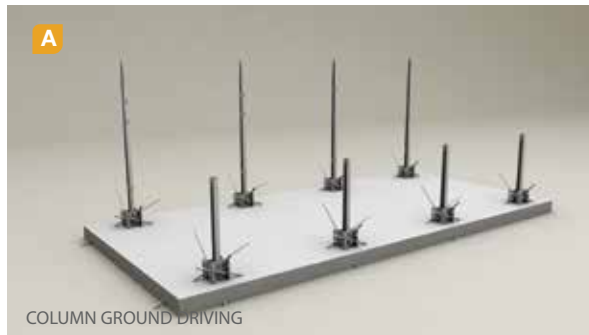


COLUMN 2



ANCHOR PLATE





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

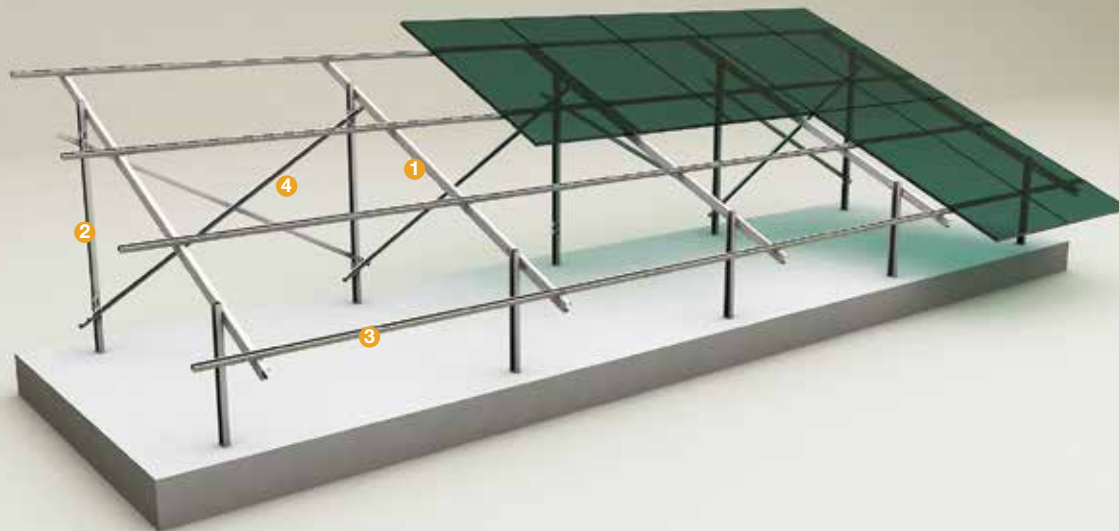
Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

SM-TSS: AGRICULTURAL IRRIGATION SYSTEM

With advancing technologies and falling costs, solar energy systems have become widespread in many different areas. Regular irrigation is among the most important issues in agricultural lands. Underground wells are generally preferred and used for irrigation in agricultural areas. Assuming that irrigation wells are located in rural areas and far from city centers, an energy need arises for irrigation. Today, the most preferred system to meet this energy need is agricultural irrigation solar energy systems. With the advantage of low cost and high efficiency, agricultural irrigation can be easily carried out.



BEAM

1



COLUMN

2



PURLIN

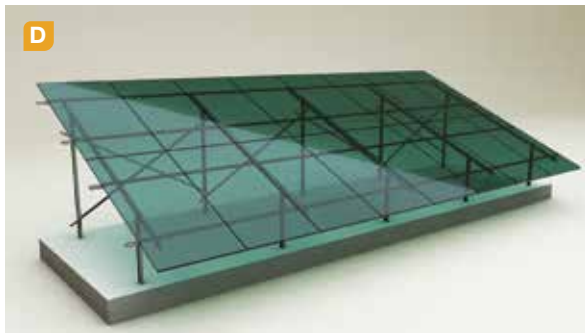
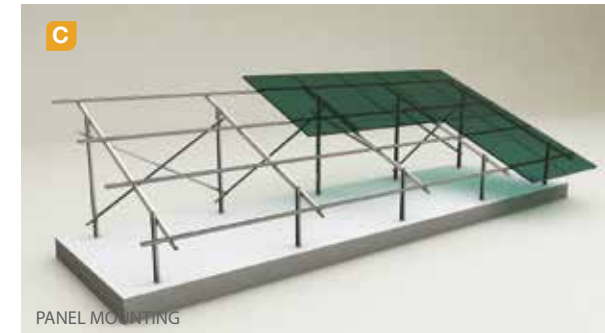
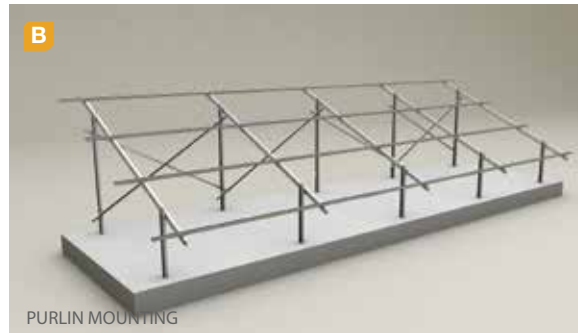
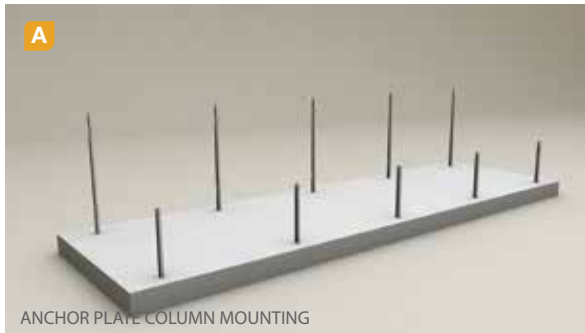
3



BRACE

4





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Ground Driving

Tilt Angle: 20 – 25 – 30 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN933 / DIN 912, A2-70
DIN 50979



CARPORT

Solar Mounting System



SM10 (MODEL 1 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS

Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



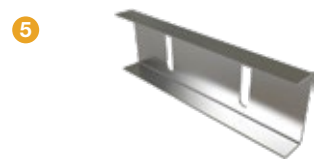
STEEL SUPPORT



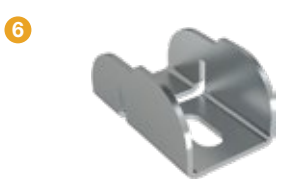
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

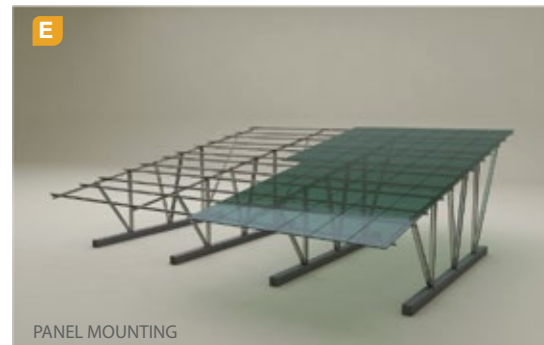
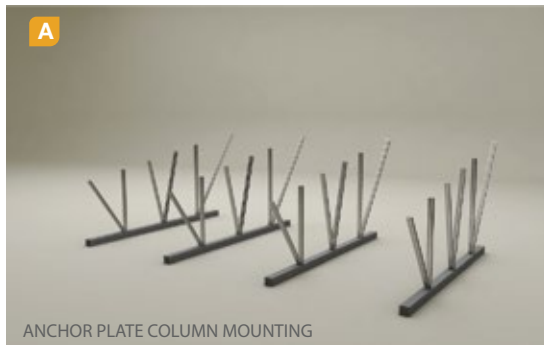


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

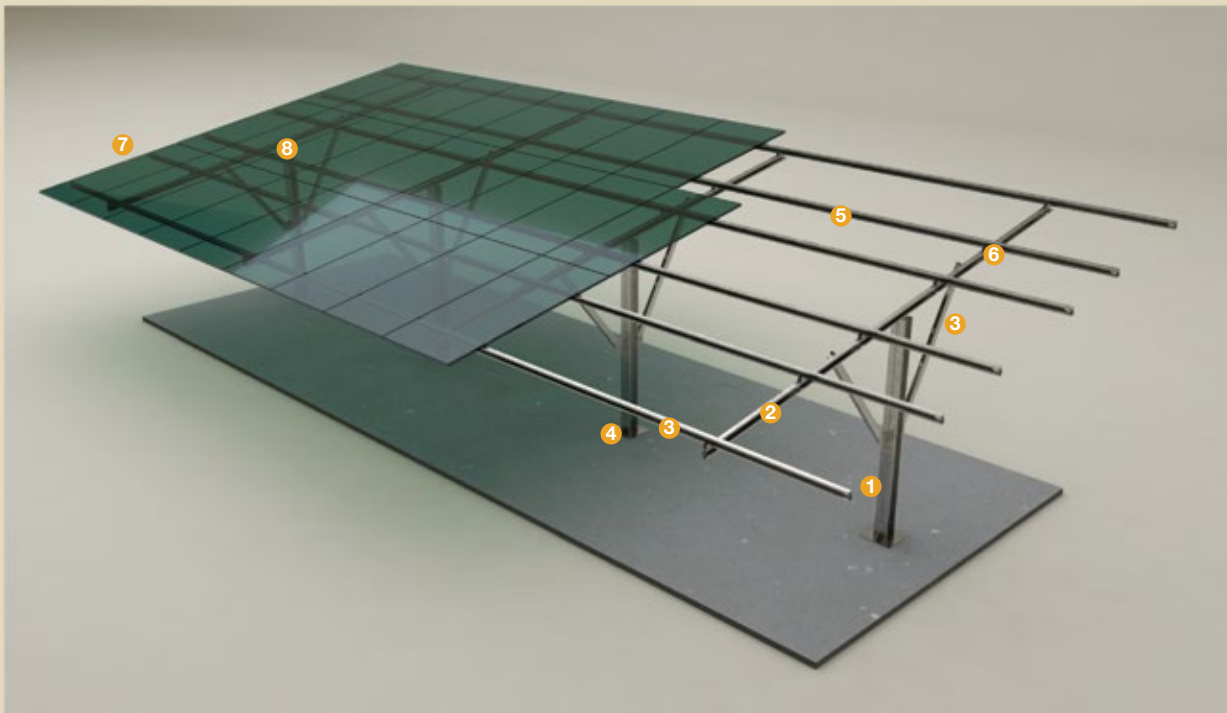
Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM11 (MODEL 2 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS

Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



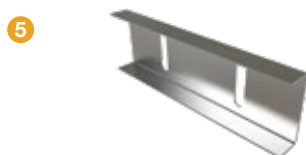
STEEL SUPPORT



ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR

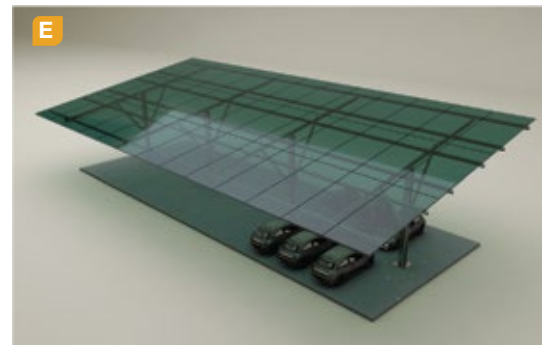
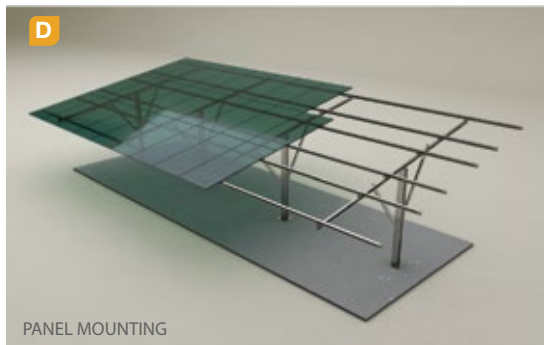
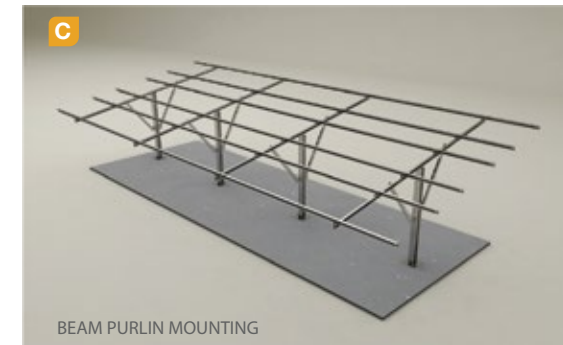
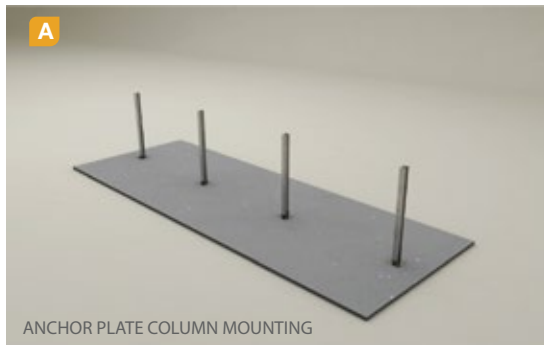


PANEL SIDE RETAINER



PANEL CENTER RETAINER





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM 12 (MODEL 3 / V - H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS

Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



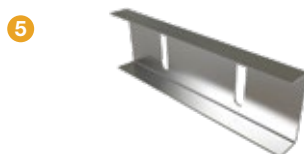
STEEL SUPPORT



ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR



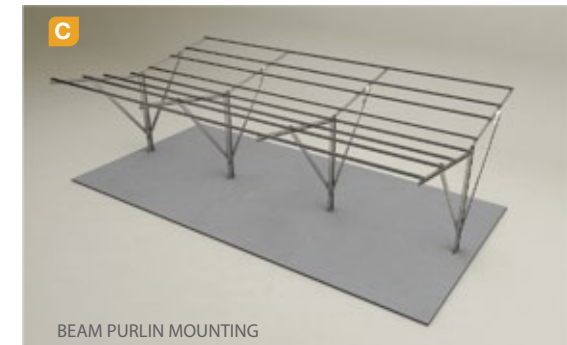
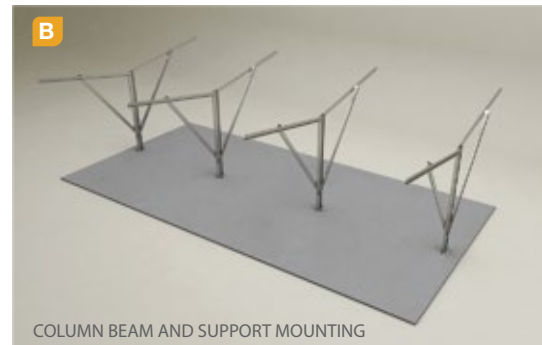
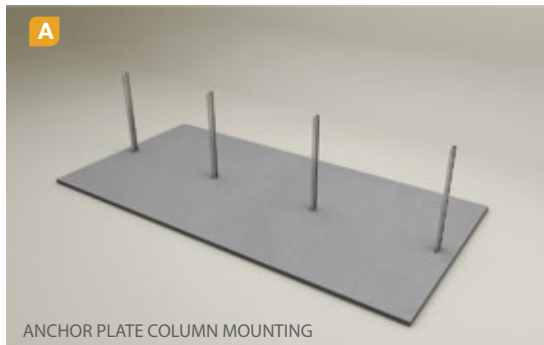
PANEL SIDE RETAINER



PANEL CENTER RETAINER



Installation Phase



Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

SM (MODEL 4 / V – H): CONCRETE BASE ANCHORED CARPORT STEEL MOUNTING SYSTEMS

Concrete base anchored carport steel support and mounting system for parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

BEAM

1



PURLIN

5



BEAM CONNECTOR

2



PURLIN TENSIONER

6



COLUMN

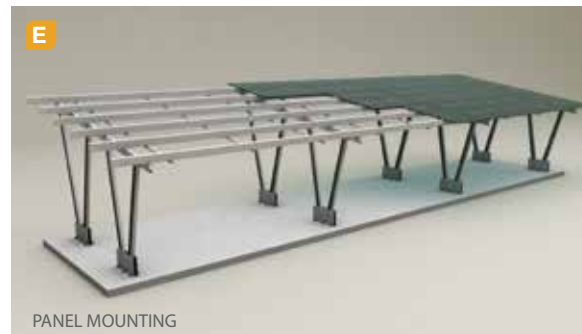
3



ANCHOR PLATE

4





Advantages:

- Suitable for both horizontal and vertical panel mounting
- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

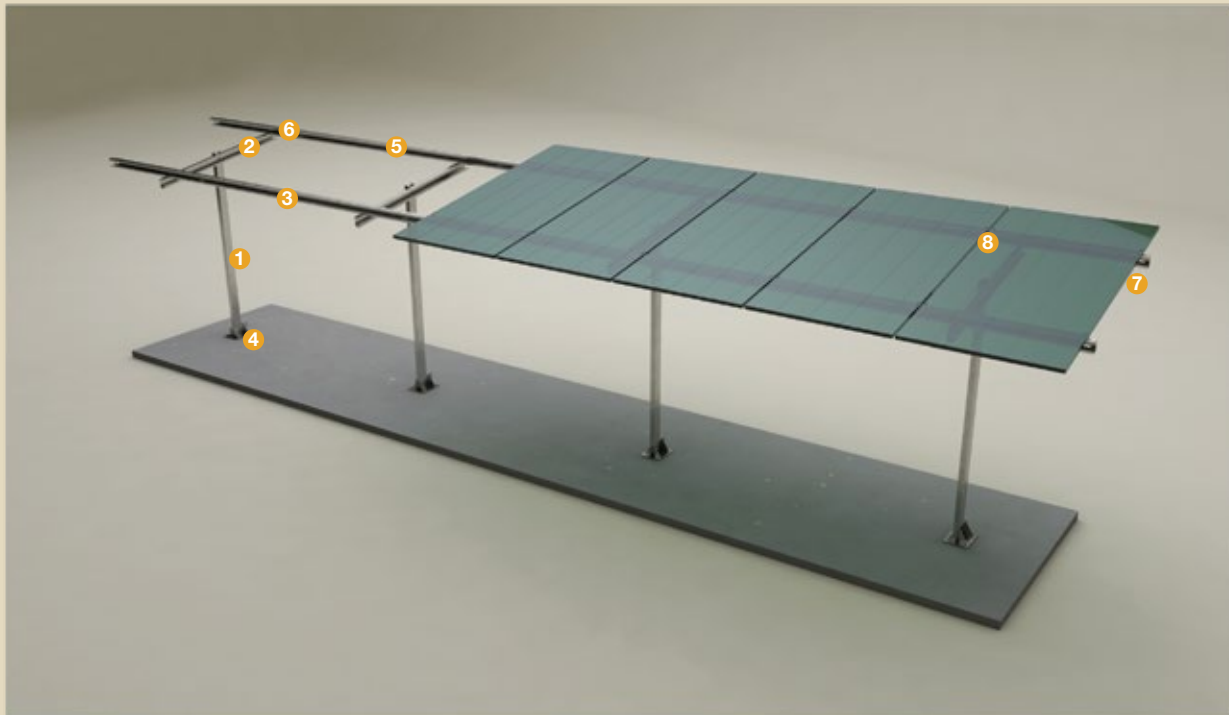
Module Application: Framed and Unframed/Vertical and Horizontal

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM13: CONCRETE BASE ANCHORED BIKEPORT STEEL MOUNTING SYSTEMS WITH 1 VERTICAL PANEL

Concrete base anchored bikeport steel support and mounting system for bike parking areas. The system is an ideal application solution for one- or multiple-family houses, industrial workplaces, and other public parking areas. Provides stability and balance in parking areas. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

STEEL COLUMN



STEEL BEAM



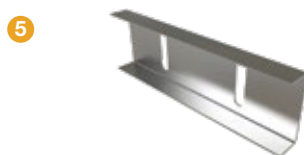
STEEL SUPPORT



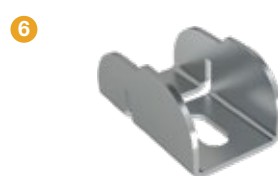
ANCHOR PLATE



PURLIN CONNECTOR JOINING PIECE



PURLIN CONNECTOR



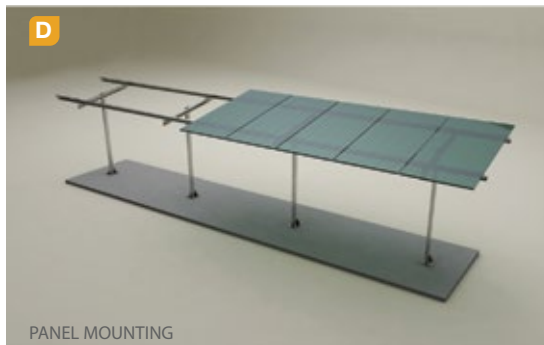
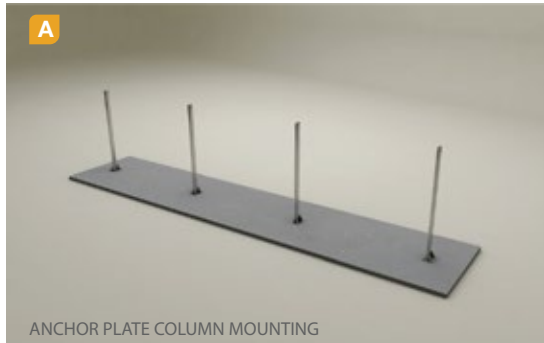
PANEL SIDE RETAINER



PANEL CENTER RETAINER



Installation Phase



Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of park areas
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Anchor on Concrete Base

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

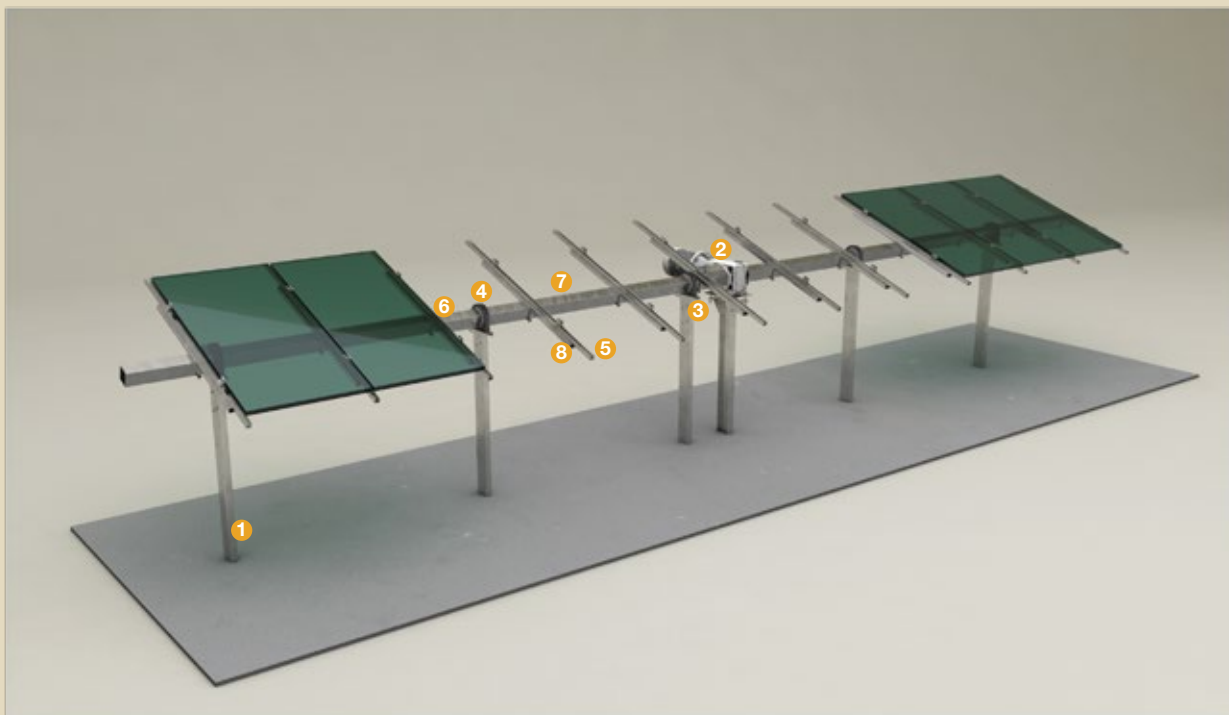
Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



TRACKER

Solar Mounting System

SM 14: CONCRETE EMBEDDED STEEL SINGLE AXIS SOLAR TRACKING SYSTEM WITH 1 VERTICAL PANEL



Concrete embedded steel support and mounting systems that track the sun with 1 vertical panel for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. After manufacturing the system components with high-technology machines and equipment, excellent corrosion resistance is then achieved through hot-dip galvanized coating. The system, incorporating a high-level engineering design, provides assembly and cost advantages. It provides a more efficient use of solar panels.

STEEL COLUMN

1



STEEL ENGINE SUPPORT

2



STEEL T / TP

3



TP

4



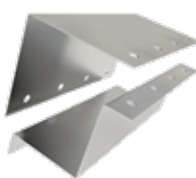
STEEL PROFILE

5



PURLIN CONNECTOR JOINING PIECE

6



STEEL SQUARE PURLIN

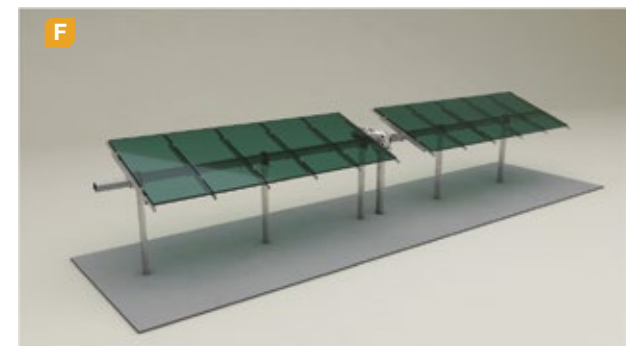
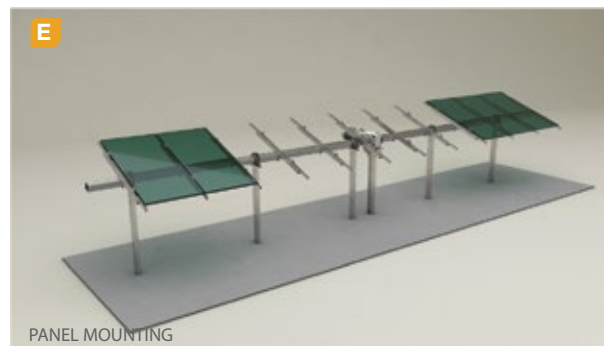
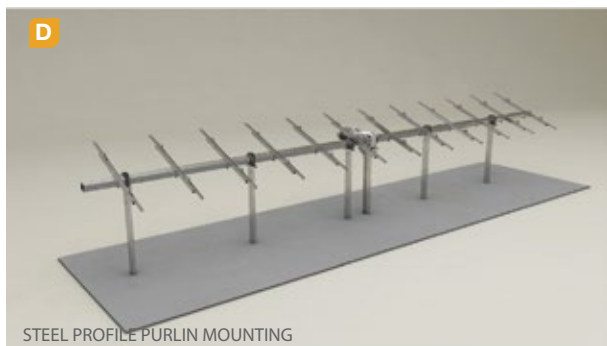
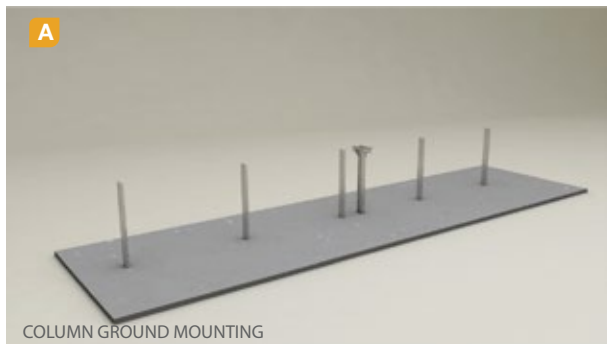
7



STEEL RECTANGLE RAFTER

8





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded

Tilt Angle: 0-60 degrees

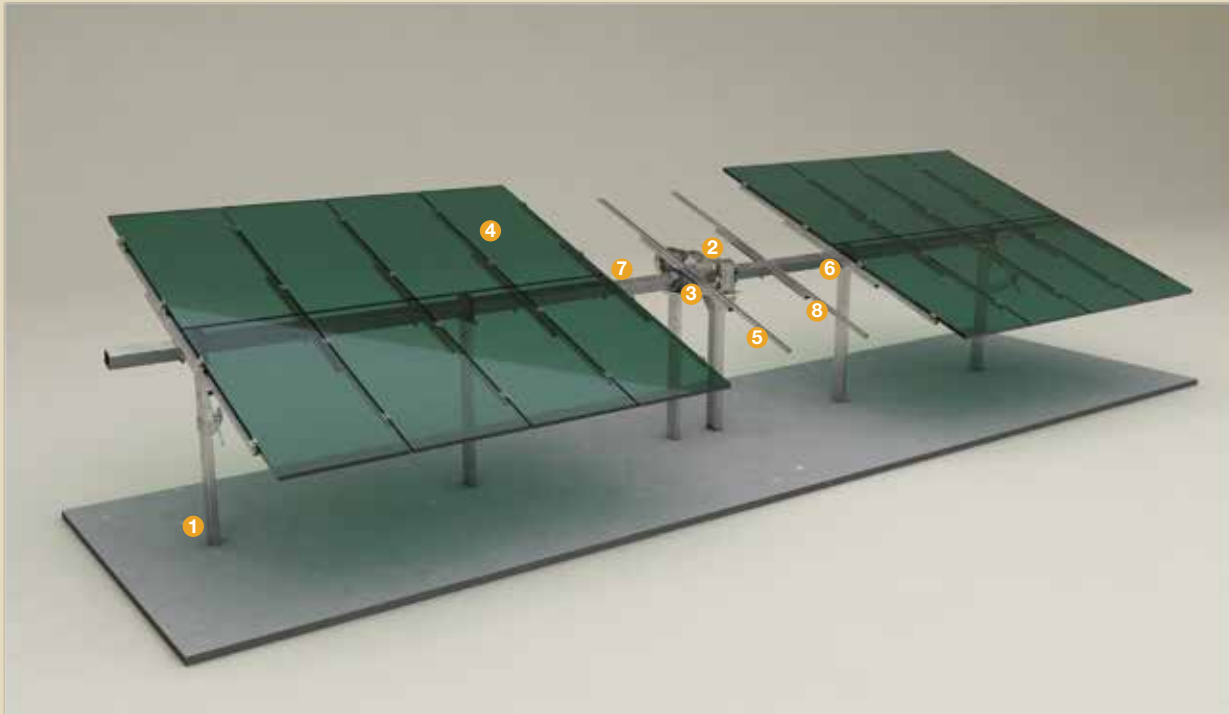
Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM 15: CONCRETE EMBEDDED STEEL SINGLE AXIS SOLAR TRACKING SYSTEM WITH 2 VERTICAL PANEL

Concrete embedded steel support and mounting systems that track the sun with 2 vertical panels for open terrain solar panels. The system is an optimal application solution for installations of PV projects on large and medium-sized terrains. After manufacturing the system components with high-technology machines and equipment, excellent corrosion resistance is then achieved through hot-dip galvanized coating. The system, incorporating a high-level engineering design, provides assembly and cost advantages. It provides a more efficient use of solar panels.

STEEL COLUMN

1



STEEL PROFILE

5



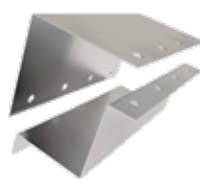
STEEL ENGINE SUPPORT

2



PURLIN CONNECTOR JOINING PIECE

6



STEEL T / TP

3



STEEL SQUARE PURLIN

7



TP

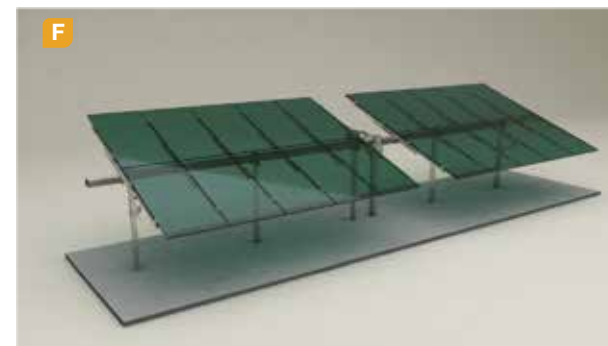
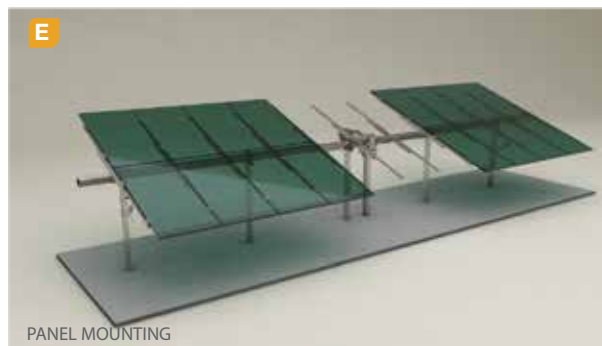
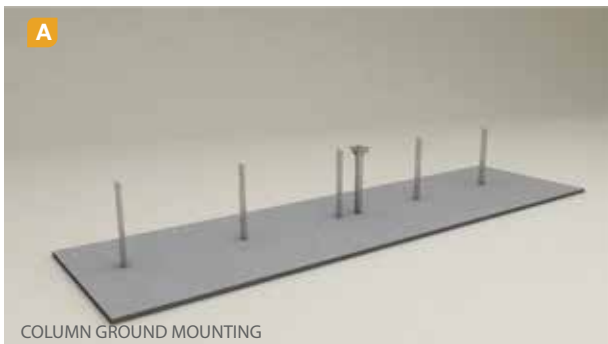
4



STEEL RECTANGLE RAFTER

8





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of terrains
- Suitable solutions for combiner box and inverter installation
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Concrete Embedded

Tilt Angle: 0-60 degrees

Module Application: Framed and Unframed

Column and Beam Coating: EN ISO 1461

Column and Beam Material: EN 10025 / EN 10029

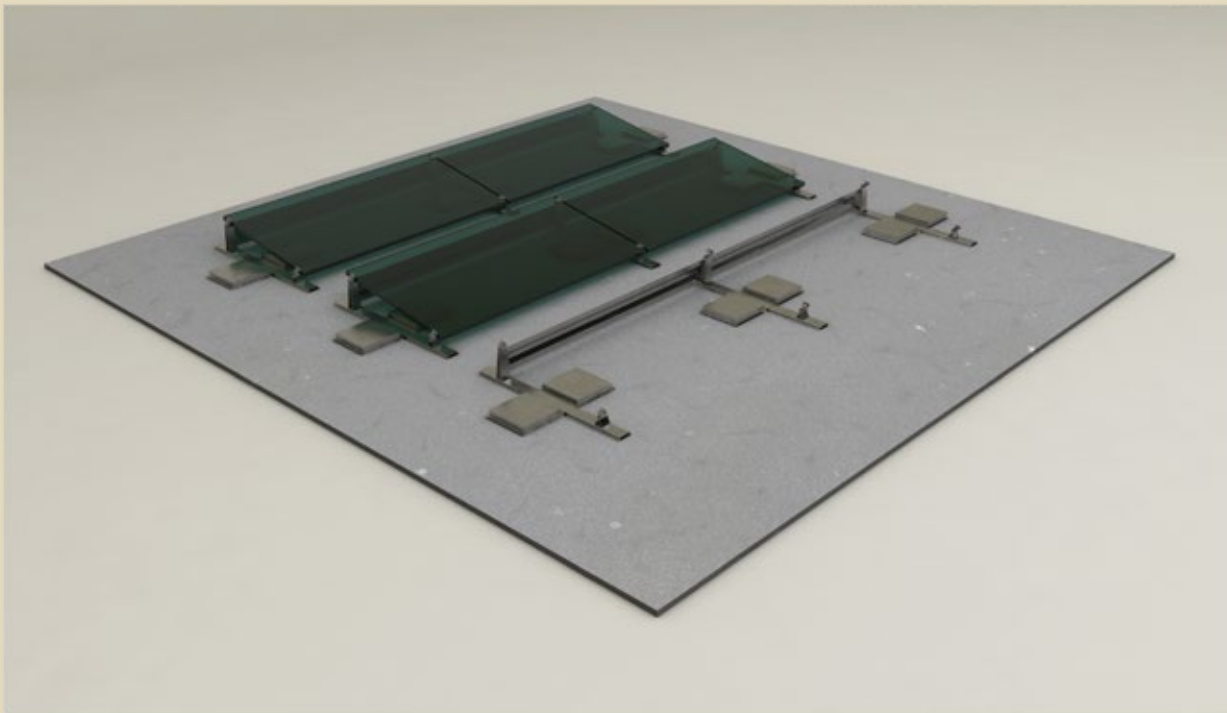
Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



ROOF-TOP

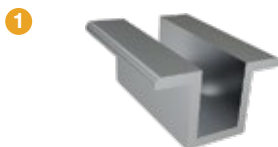
Solar Mounting System



SM16: FLAT ROOF SOLAR MOUNTING SYSTEMS

Flat roof aluminum mounting system which is fixed by the ballast system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

ALUMINIUM MIDDLE CLAMP



ALUMINIUM SIDE CLAMP



MOUNTING RAIL



WINDSHIELD



PANEL FRONT HOLDER

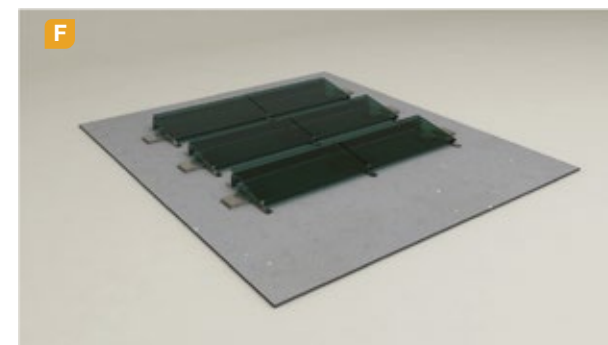
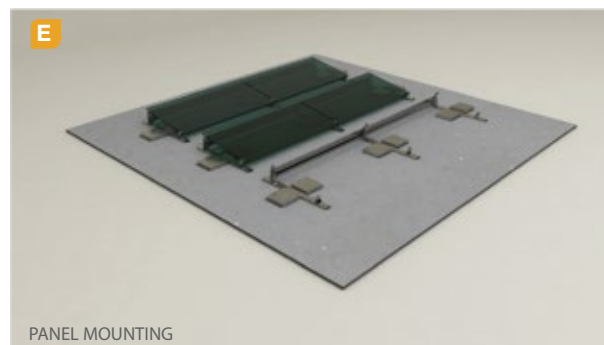
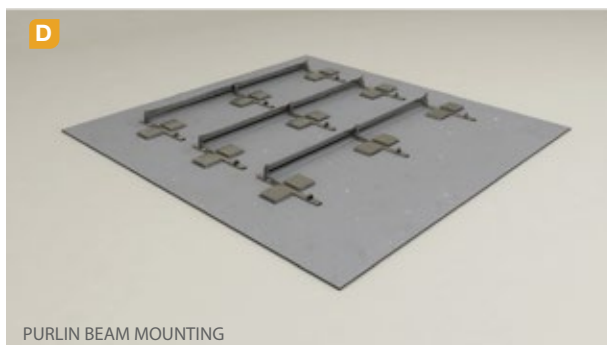
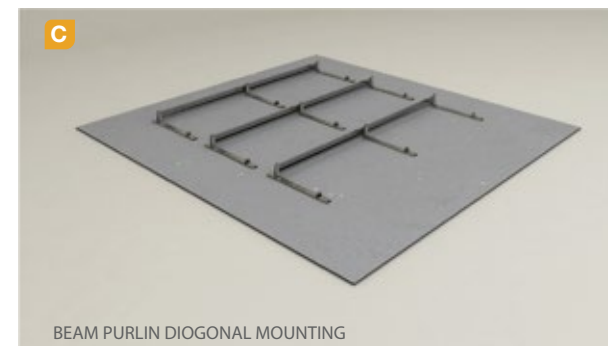
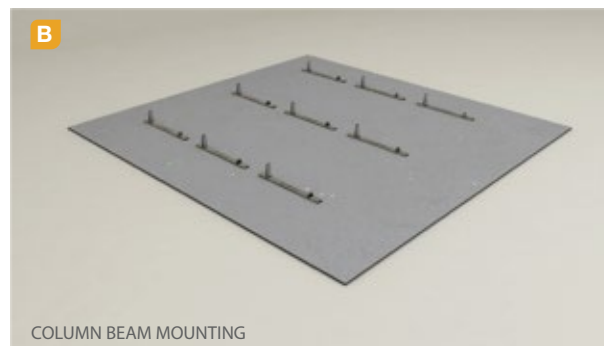
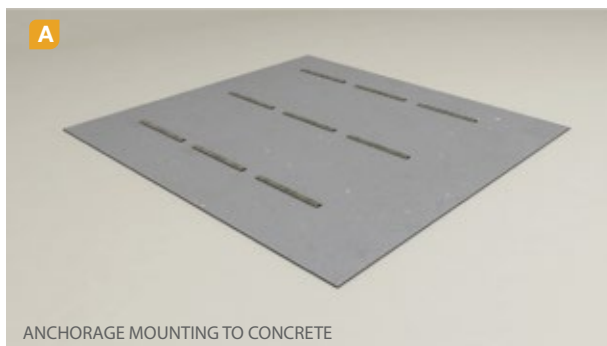


PANEL BACK HOLDER



BALAST HOLDER





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Ballasted mounting
- Customer oriented design and engineering solutions



Technical Specifications:

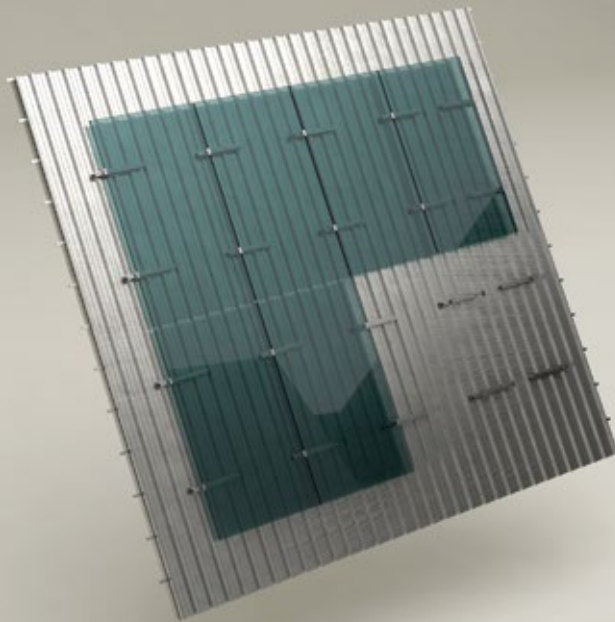
Mounting Method: Ballasted mounting

Tilt Angle: 10-15 degrees

Module Application: Framed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM17: TRAPEZOID ROOF SOLAR MOUNTING SYSTEMS

Trapezoid roof aluminum mounting system which is fixed by the ballast system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

MOUNTED SET MIDDLE CLAMP

1



MOUNTED SET SIDE CLAMP

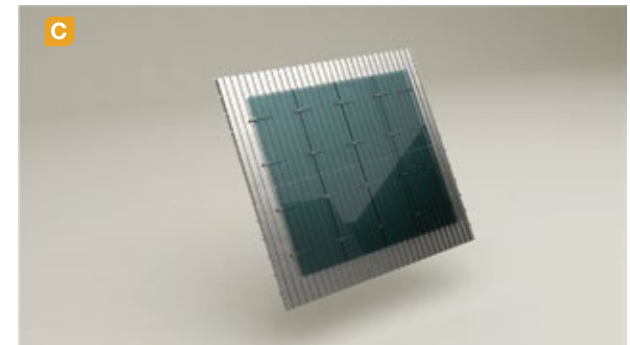
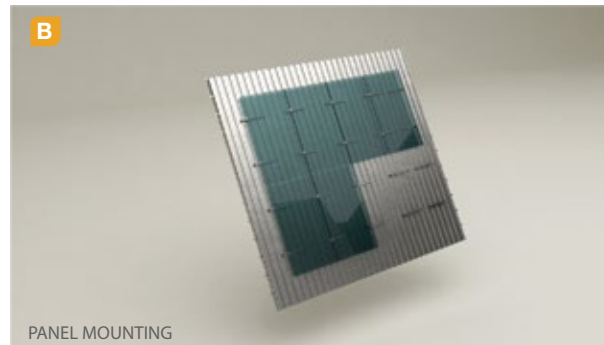
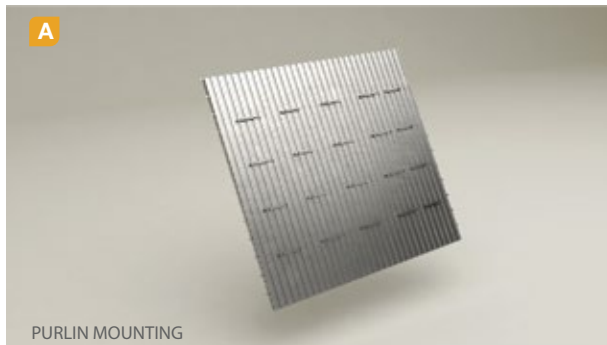
2



ROOF PROFILE (TCAA)

3





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Horizontal and Vertical positioning
- Customer oriented design and engineering solutions



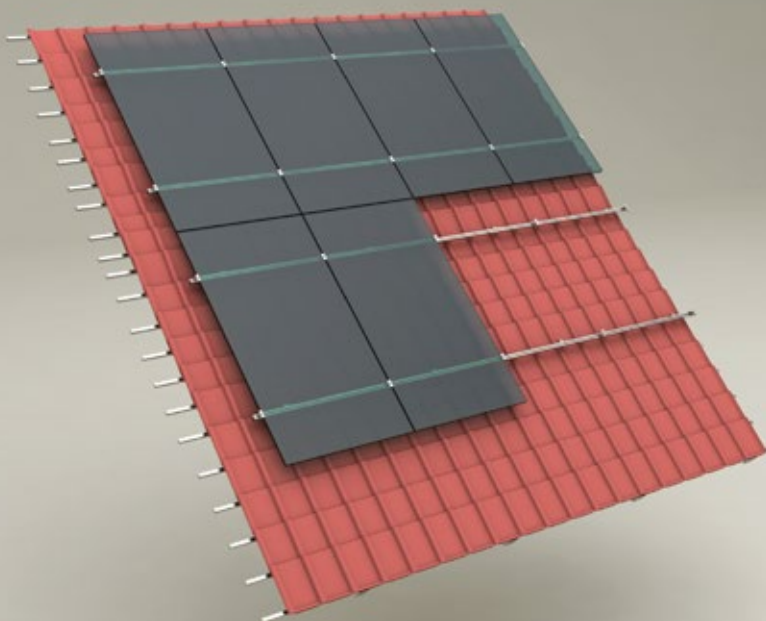
Technical Specifications:

Mounting Method: Pitched Roof Mounting

Module Application: Framed and Unframed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979



SM 18: TILE ROOF MOUNTING SYSTEM

Tile roof steel and aluminum mounting system. The system is an optimal application solution for installations of PV projects on large and small-sized roofs. It does not require any fastener for installation. The system, incorporating a high-level engineering design, provides assembly and cost advantages.

ALUMINIUM PURLIN

1



TILE PURLIN CONNECTOR

2



PANEL SIDE CLAMP

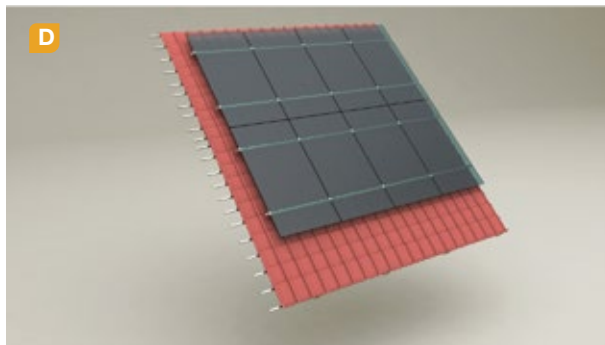
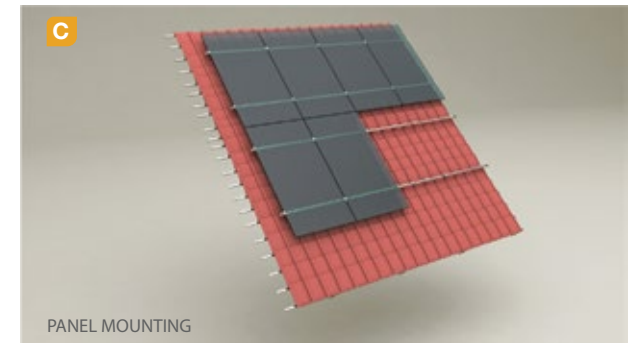
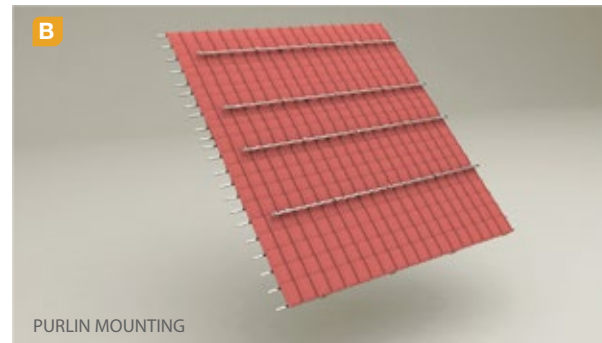
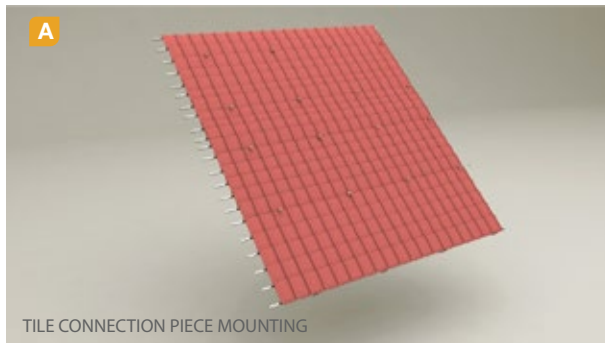
3



PANEL MIDDLE CLAMP

4





Advantages:

- Time and cost savings for installation
- Flexible solutions for different types of roofs
- Horizontal and Vertical positioning
- Customer oriented design and engineering solutions



Technical Specifications:

Mounting Method: Pitched Roof Mounting

Module Application: Framed and Unframed

Panel Retainer: EN AW 6063

Connector Equipment: DIN 125 / DIN 127 / DIN 934 /
DIN 933 / DIN 912, A2-70
DIN 50979

COUNTRY

PROJECT NAME

CAPACITY (MW)

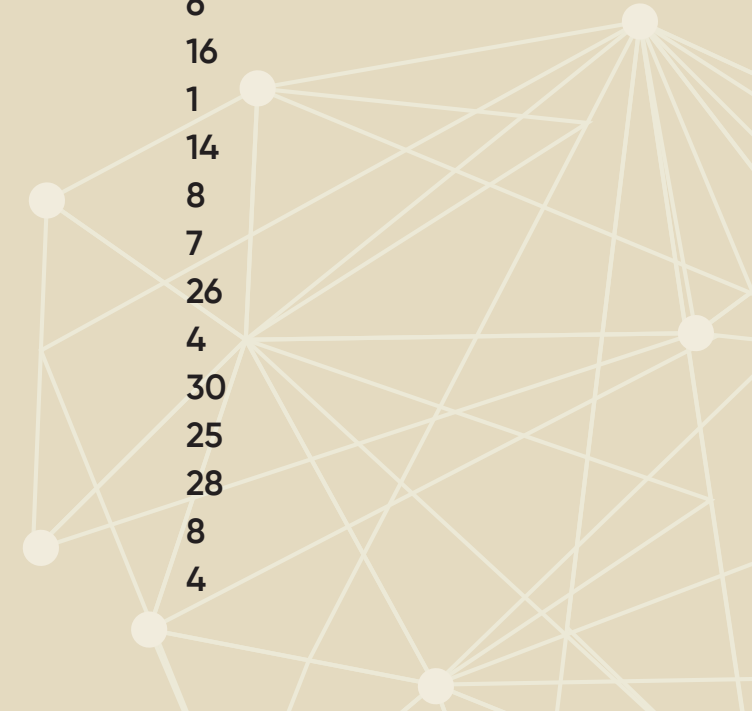
Serbia	Novi Sad Solar Park	7
Turkiye	Solivend Solar	1,5
North Macedonia	Skopje Solar Initiative	4
Albania	Tirana Solar Power Plant	3
Italy	Rome Solar Rooftops	1,5
Italy	Milan Ground Solar Farm	9
Germany	Berlin Solar Fields	1,2
Germany	Hamburg PV Park	3
Ukraine	Kyiv Solar Complex	7
Ukraine	Lviv Solar Park	4
Romania	Bucharest Utility Solar	4
Romania	Cluj-Napoca Solar Farm	4
Greece	Athens Island Solar	3
Greece	Thessaloniki Rooftop PV	2
Cyprus	Nicosia Solar Installations	1,5
Serbia	Belgrade Solar Expansion	1,5
Serbia	Mitrovica Solar Plant	1
North Macedonia	Ohrid PV Park	1
Albania	Durres Solar Rooftops	7
Italy	Naples Solar Ground Mount	3
Germany	Frankfurt PV Installation	2





REFERENCES

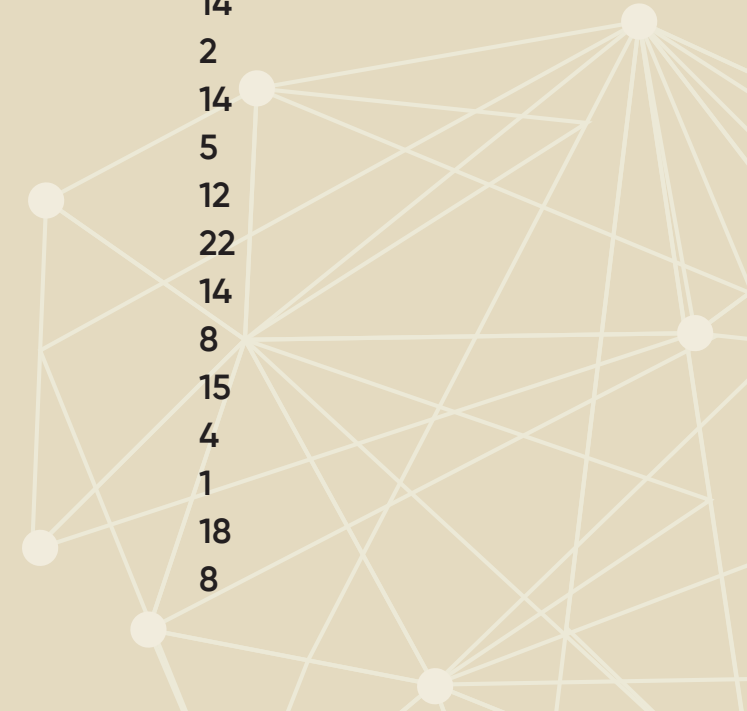
COUNTRY	PROJECT NAME	CAPACITY (MW)
Ukraine	Odessa Solar Farm	3
Turkiye	Masfen Energy	200
Serbia	Bin Commerce	3,3
Turkiye	Orbit Energy	8
Turkiye	Kalyon Energy	4,5
Turkiye	Yersu Energy	18
Kosovo	Ecopark	28
Kosovo	Birra Peja	5
Turkiye	Yensis	6
Turkiye	Ucay Solar Farm	16
Turkiye	Sunvital	1
Turkiye	Solarela	14
Turkiye	Sentas Bilisim Project	8
Turkiye	Soleo Jeo Energy	7
Turkiye	Santral Energy	26
Turkiye	Rhofa Energy Project	4
Macedonia	North Macedonia Project	30
Albania	Tirana Solar Farm	25
Turkiye	Boyut Energy	28
Turkiye	OnSolar Project	8
Turkiye	Mektim Energy	4





REFERENCES

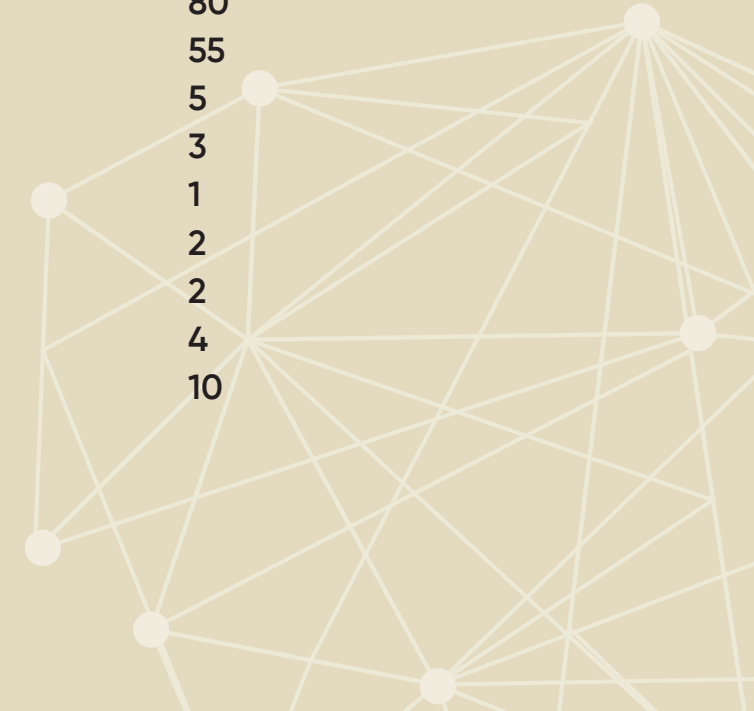
COUNTRY	PROJECT NAME	CAPACITY (MW)
Turkiye	Mexxsun	4
Turkiye	Metlab Project	2
Turkiye	MayGroup Energy	80
Turkiye	Leo Energy	2
Turkiye	IBT Energy Solar	1
Italy	Cortiglione Solar Farm	3
Italy	Asti Solar Project	1
Italy	Spina Solar Farm	1
Turkiye	Hegza GES	14
Turkiye	Grid Energy	2
Turkiye	Gerilim Solar	14
Turkiye	Ezka Group	5
Turkiye	EM ElektroMekanik	12
Turkiye	ElektroSystem	22
Turkiye	Elbir Energy	14
Turkiye	DBE Energy	8
Turkiye	Bursa Tek Solar	15
Turkiye	BSK Energy	4
Turkiye	Barza Engineering	1
Turkiye	Bara Mühendislik	18
Turkiye	Arya Energy	8





REFERENCES

COUNTRY	PROJECT NAME	CAPACITY (MW)
Germany	Munch Solar Farm	20
Ukraine	Kiev Energy	20
Romania	Eldac Energy	45
Romania	Cluj-Napoca Solar Farm	55
Turkiye	Anka Solar	9
Turkiye	Altensis Enerjia	2
Turkiye	Alpsun	2
Turkiye	Alkor Solar Farm	11
Turkiye	GMR Mühendislik	80
Turkiye	DGN Energy	55
Turkiye	MYN Muhendislik	5
Turkiye	MSD Mühendislik Proje	3
Turkiye	Lotus Energy	1
Turkiye	Geosun Energy	2
Turkiye	Pratik Solar	2
Turkiye	Konelsis Project	4
Cyprus	Girne Project	10





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