



Clean Energy

CATALOG

SOLAR ENERGY



CLEAN ENERGY

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Tile Roof System

VMECO CE have various kinds of Tile Roof Hooks, suitable for most roof types of Tile, Flat Tile, Slate Tile, Asphalt Shingle Tile.

Unique designed of Inner&End clamps are used for 30-40mm thickness solar modules. A design that includes major specifications saves you inventory cost, quick and easy to install. Innovative design of rail connect base-support can effectively increase the product strength, ensure the safety of the product use.

VMECO CE have various kinds of roof hooks provide customers options. Customized allowed according to customer need to meet special installation requirements.

Product Overview

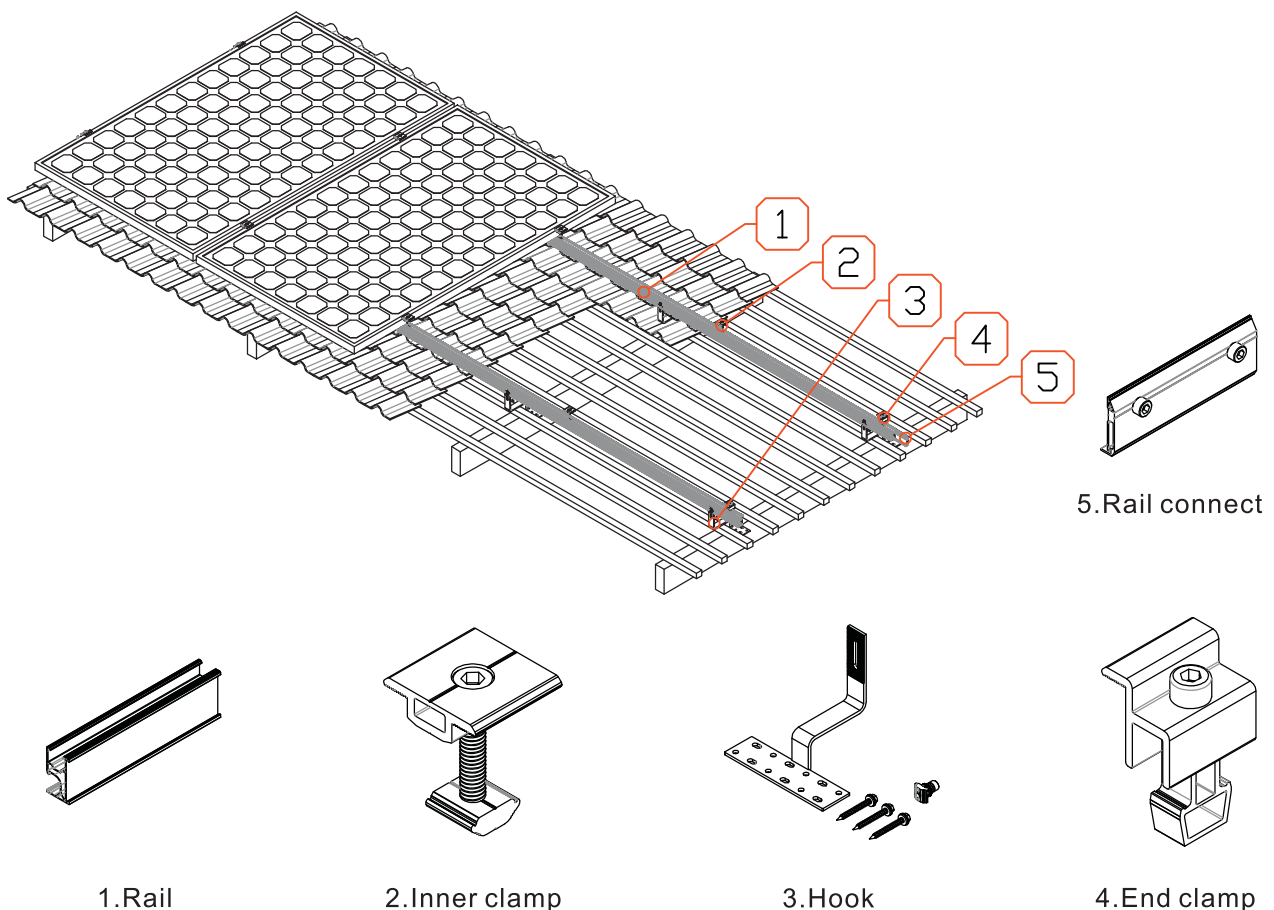
Install Site: Tile roof, Flat tile roof, Slate roof

Material: AL6005-T5、SUS304

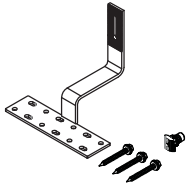
Standards: AS/NZ1170.2、JIS C 8955、MCS 012、TUV、UL2703 etc.

Tilt Angle: 5°~60°

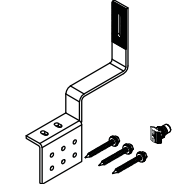
Building Height: Up to 20m



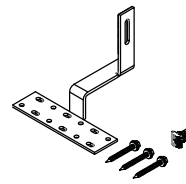
Tile Roof Hook



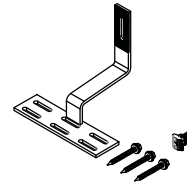
VCE-TRH-T01



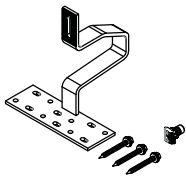
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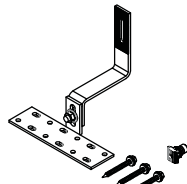
VCE-TRH-T03



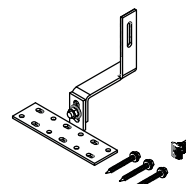
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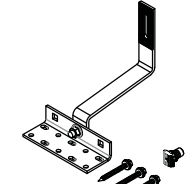
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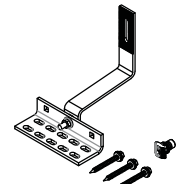
VCE-TRH-T06



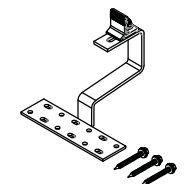
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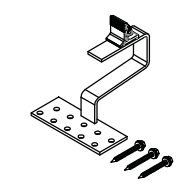
VCE-TRH-T08



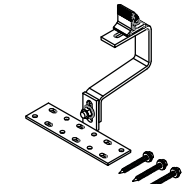
VCE-TRH-T09



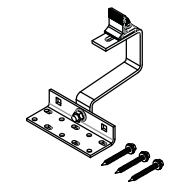
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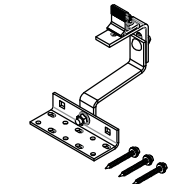
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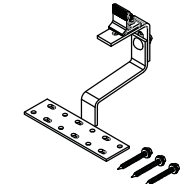
VCE-TRH-T12



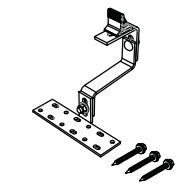
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VCE-TRH-T14

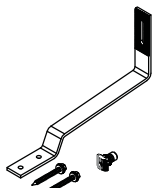


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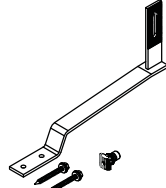


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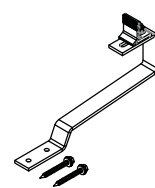
Flat Tile Roof Hook



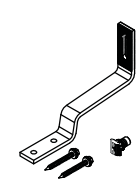
VCE-TRH-F01



VCE-TRH-F02



VCE-TRH-F03

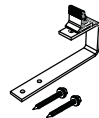


VCE-TRH-F04

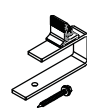
Slate Roof Hook



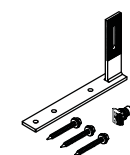
VCE-TRH-S01



VCE-TRH-S02



VCE-TRH-S03



VCE-TRH-S04



Tin Roof System

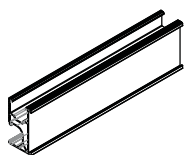
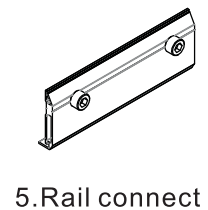
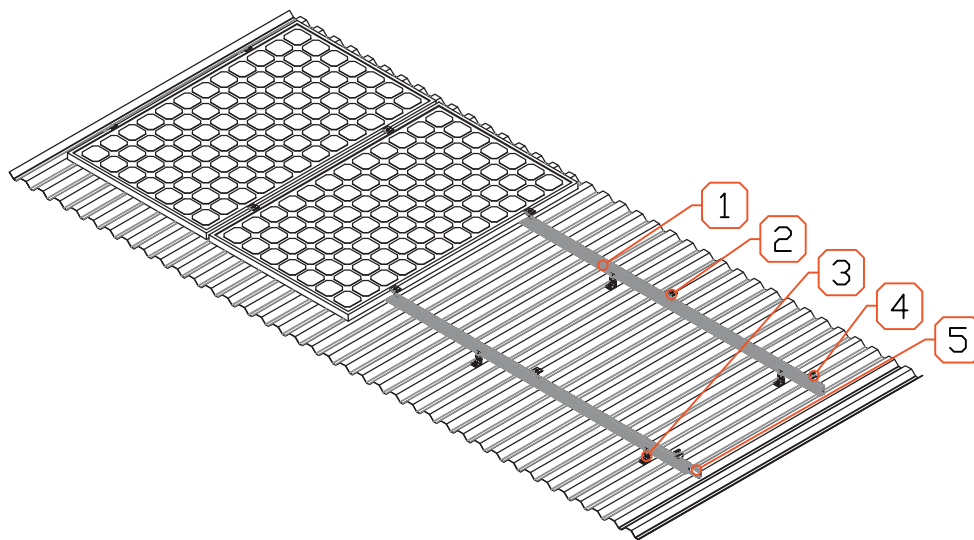
VMECO CE Tin roof systems divided into two fixing methods : 1. Drilling solutions, like Bracket L-feet, Hanger bolt , T type Hook etc. 2. Standing seam clamp, direct mounting no damage to the roof.

Unique designed of Inner&End clamps are used for 30-40mm thickness solar modules. A design that includes major specifications saves you inventory cost, quick and easy to install. Innovative design of rail connect base-support can effectively increase the product strength, ensure the safety of the product use.

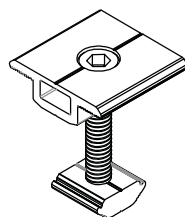
VMECO CE have various kinds of tin roof brackets provide customers options. Customized allowed according to customer need to meet special installation requirements.

Product Overview

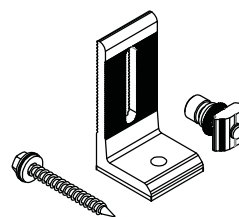
Install Site: Tin (Metal Roof)
Material: AL6005-T5、 SUS304
Standard: AS/NZ1170.2、 JIS C 8955、 MCS 012、 TUV、 UL2703 etc.
Tilt Angle: 5°~60°
Building Height: Up to 20m



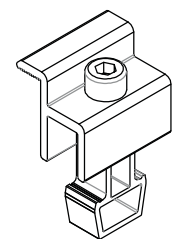
1.Rail



2.Inner clamp

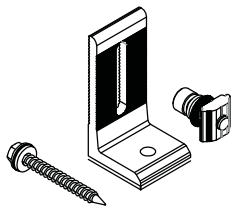


3.L-feet

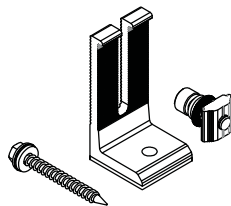


4.End clamp

Drilling solutions



VCE-TRB-D01



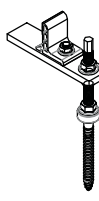
VCE-TRB-D02



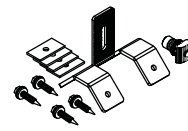
VCE-TRB-D03



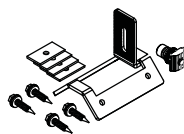
VCE-TRB-D04



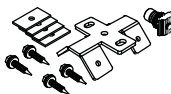
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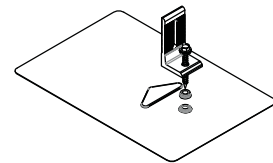
VCE-TRB-D06



VCE-TRB-D07

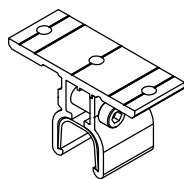


VCE-TRB-D08

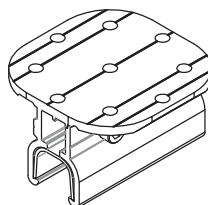


VCE-TRB-D09

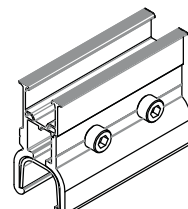
Standing seam clamps



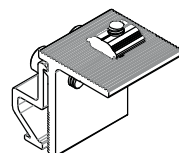
VCE-TRB-C01



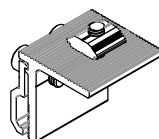
VCE-TRB-C02



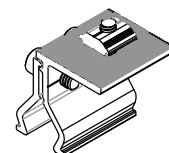
VCE-TRB-C03 (Use for KLIP-LOK 406 & 700)



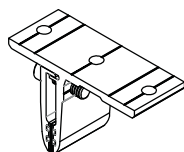
VCE-TRB-C04



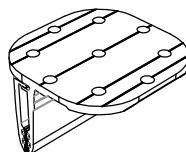
VCE-TRB-C05



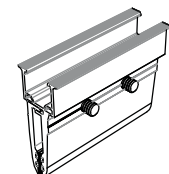
VCE-TRB-C06



VCE-TRB-C07



VCE-TRB-C08



VCE-TRB-C09 (Use for Longline305)



Adjustable Tilt System

VMECOCE Adjustable Tilt system is used for Metal roof, Concrete roof. You can fixed or adjustable angle as 10-15deg, 15-30deg and 30-60deg options to maximize energy production.

All Products pre-assembled before shipment, to make the installation easy and quickly. Unique design of inner and outer tube with adjustable Joint, made structure stronger, different from the same type products on the market today , and widely compatible with standing seam clamps.

Unique designed of Inner&End clamps are used for 30-40mm thickness solar modules. A design that includes major specifications saves you inventory cost, quick and easy to install. Innovative design of rail connect base-support can effectively increase the product strength, ensure the safety of the product use.

Product Overview

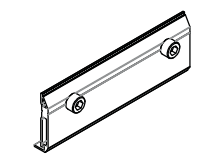
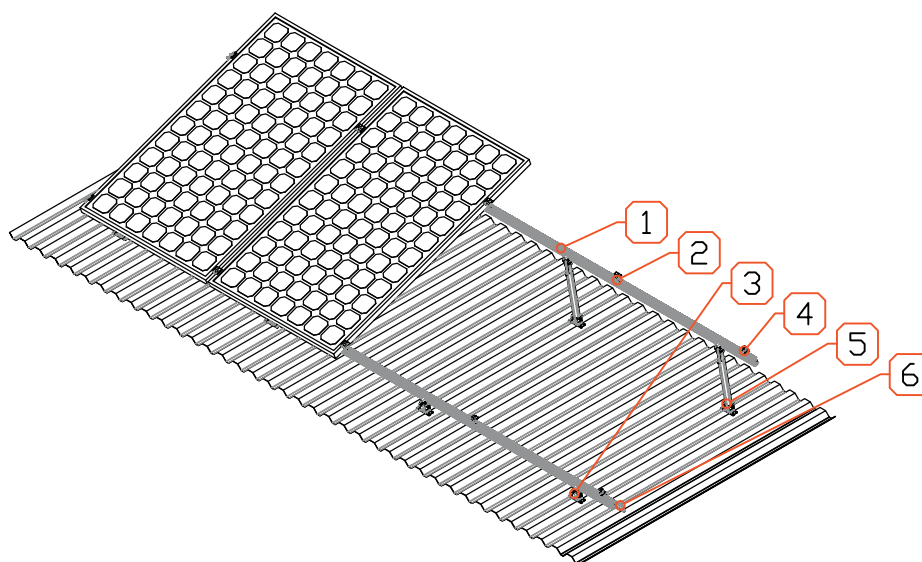
Install Site: Tin (Metal Roof) , Cement Roof

Material: AL6005-T5、 SUS304

Standard: AS/NZ1170.2、 JIS C 8955、 MCS 012、 TUV、 UL2703 etc.

Tilt Angle: 10°~15° ; 15°~30° ; 30°~60°

Building Height: Up to 20m



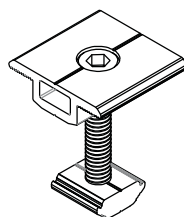
6. Rail connect



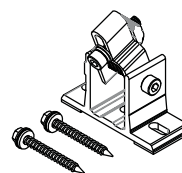
5. Adjustable rear leg



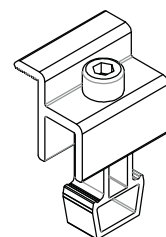
1. Rail



2. Inner clamp



3. Adjustable front leg



4. End clamp

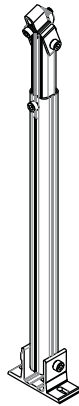


Components Information

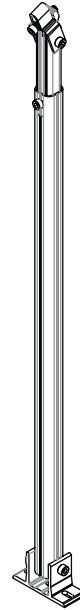
VMECO CE Adjustable solution have 10-15deg, 15-30deg and 30-60deg for options.



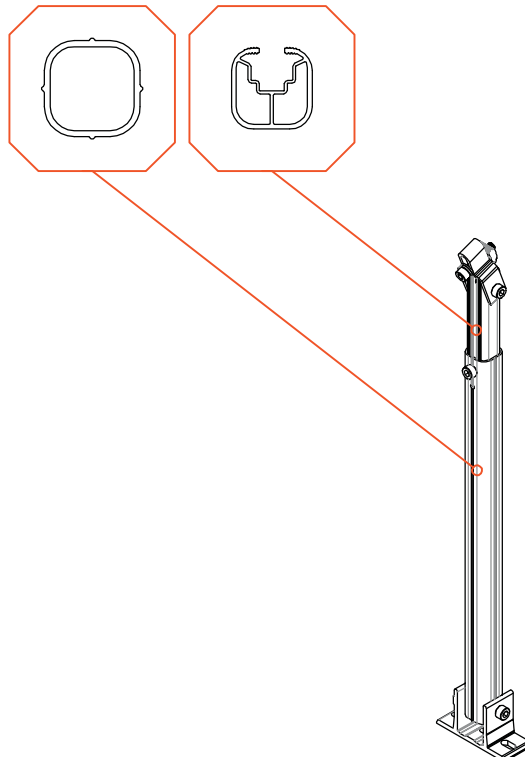
VCE-ARL-1015



VCE-ARL-1530



VCE-ARL-3060





Tripod System

VMECOCE Tripod system is used for concrete roof, metal roof. You can adjustable angle as 10-15deg, 15-30deg and 30-60deg options to maximize energy production. All Products pre-assembled before shipment, to make the installation easy and quickly. Customized angle allowed according to customer need to meet special installation requirements.

Product Overview

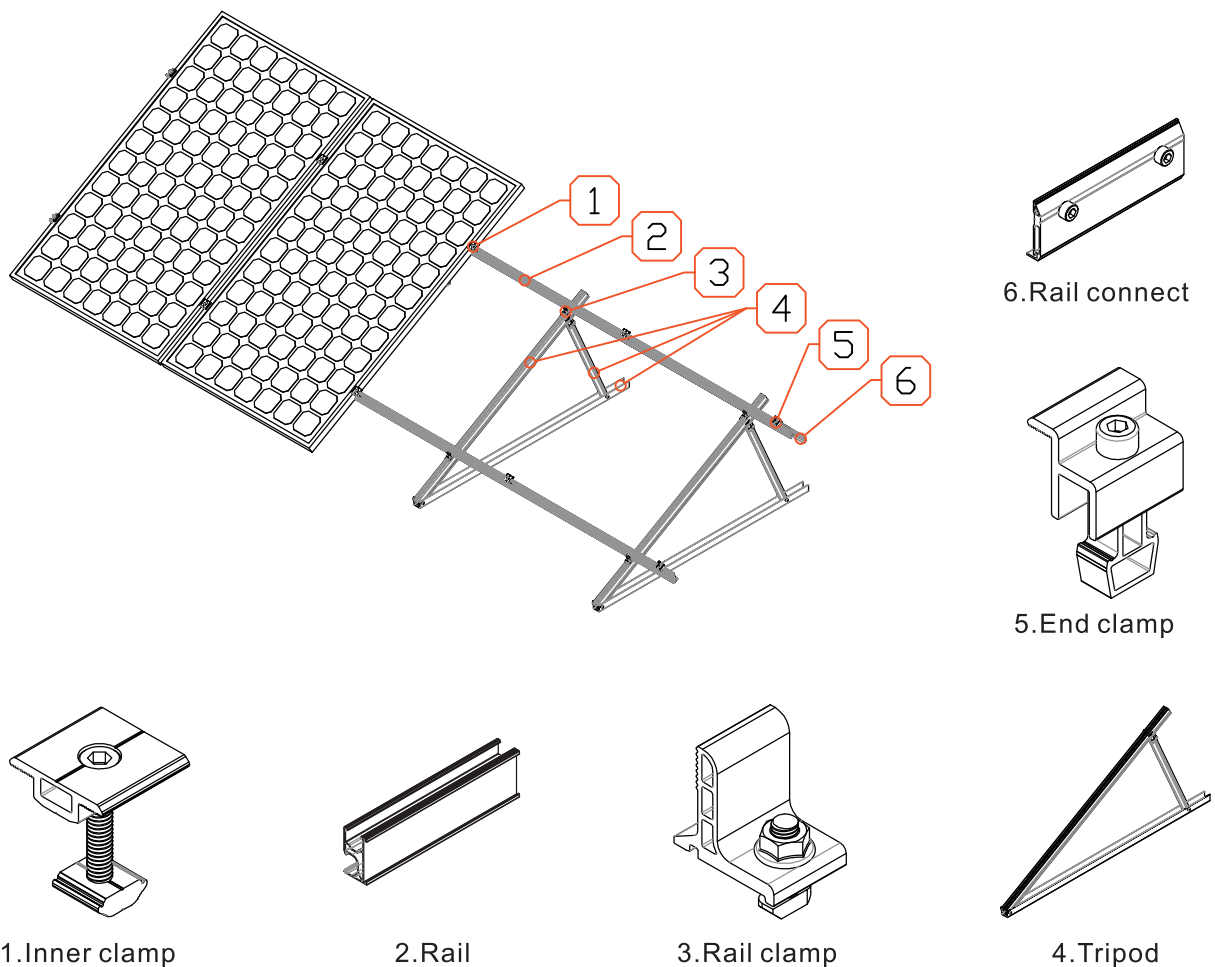
Install Site: Metal Roof, Concrete Roof

Material: AL6005-T5, SUS304

Standard: AS/NZ1170.2, JIS C 8955, MCS 012, TUV, UL2703 etc.

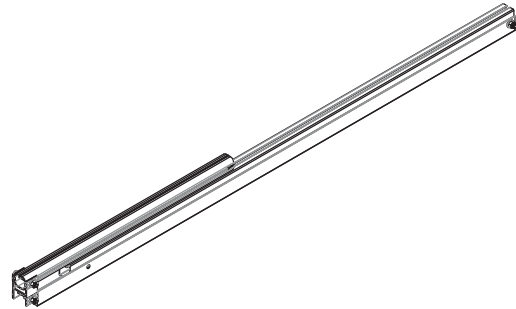
Tilt Angle: 10°~15° ; 15°~30° ; 30°~60°

Building Height: Up to 20m



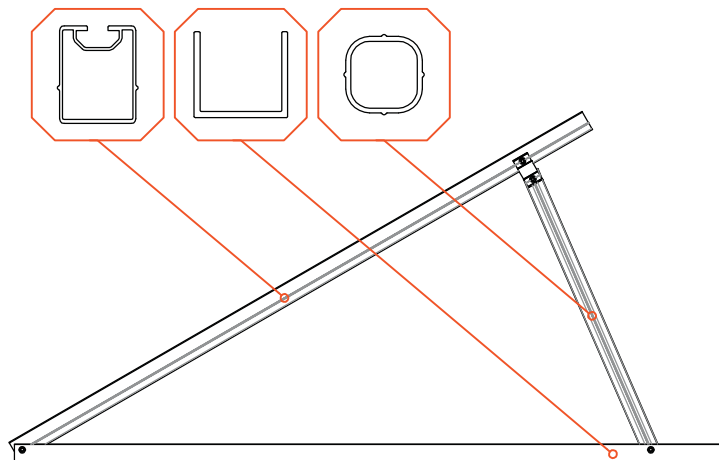
Components Information

The tripod has been folded into a rectangular shape before shipment for easy transport.

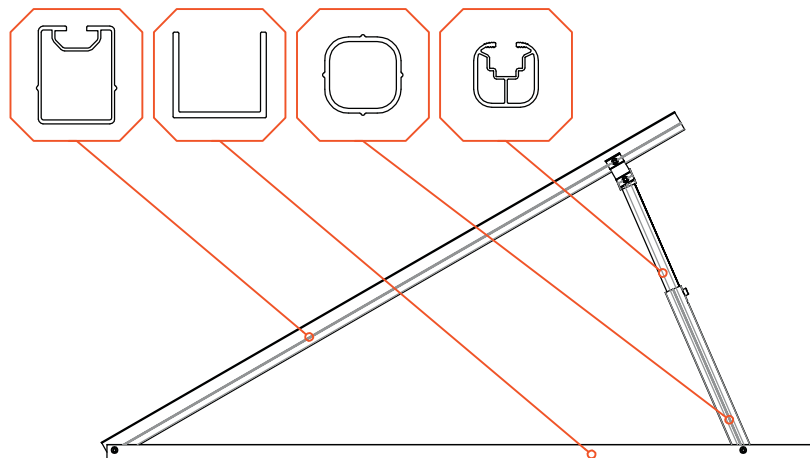


VMECO CE Tripod systems have fixed angle and adjustable angle design for options.

1. Fixed Angle Tripod system (VCE-FTP-X): According to customer need, we customize different sizes and angles to make a fast, easy and lower cost installation, this is suitable for installation at known building angle.



2. Adjustable Angle Tripod (VCE-ATP-X): According to the site need to adjust the tripod angle for installation demand. It is suitable for multi-angle installation projects.





E&West Ballasted

VMECOCE Ballast is suitable for flat roof, the solar panels face east and west, there is no need to use expansion bolts or chemical bolts on the roof, no damage to the roof. The system connects all the panels with the rails into a whole. East-west facing panels have a great effect on resisting wind loads.

Product Overview

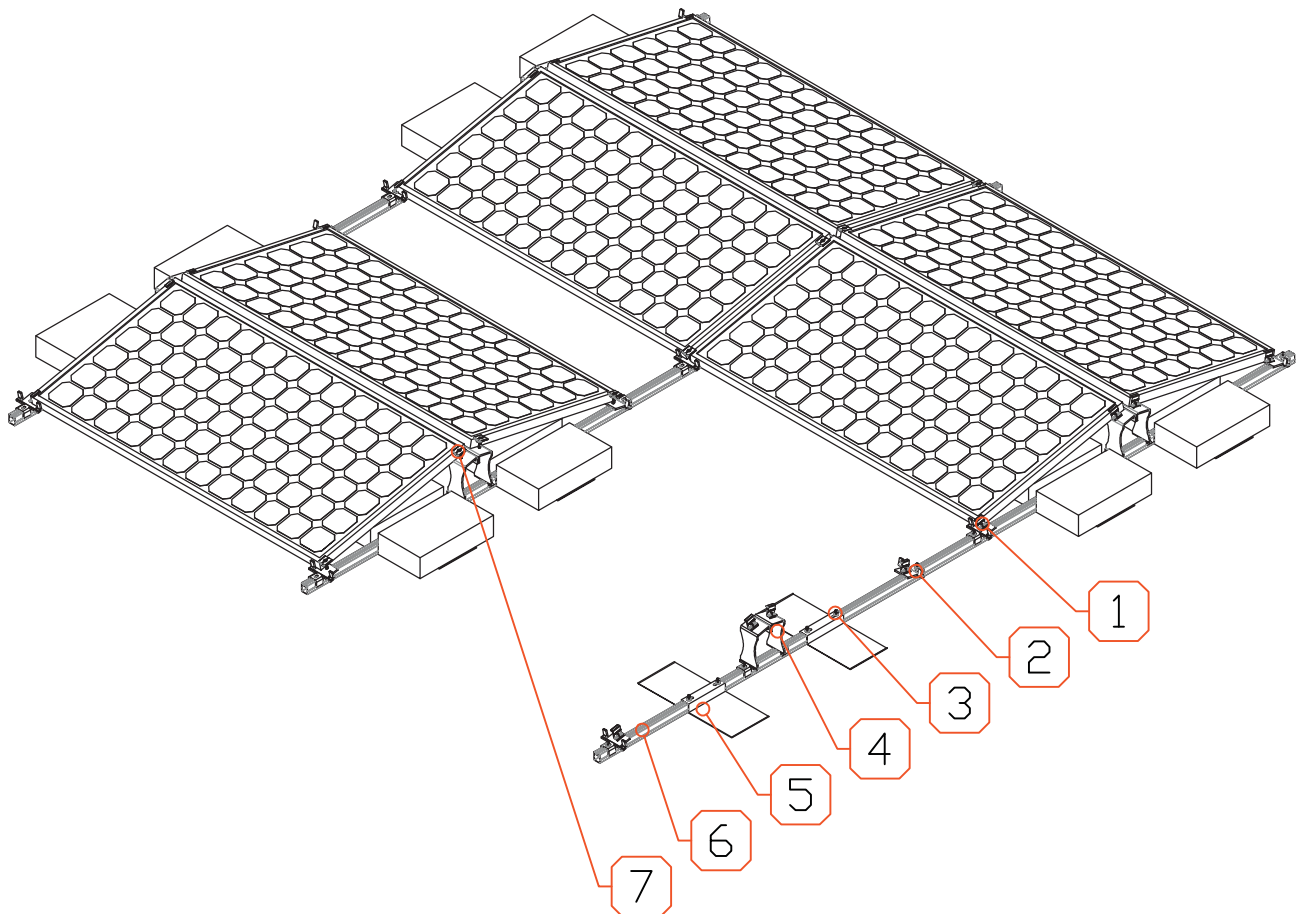
Install Site: Concrete Roof

Material: AL5052-H32, SUS304

Standard: AS/NZ1170.2, JIS C 8955, MCS 012, TUV, UL2703 etc.

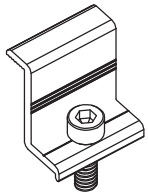
Tilt Angle: 5°~15°

Building Height: Up to 20m

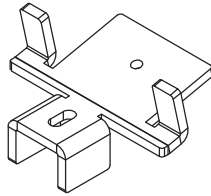




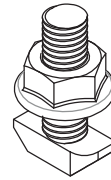
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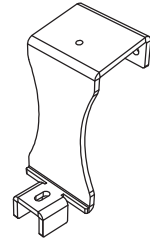
1. End clamp



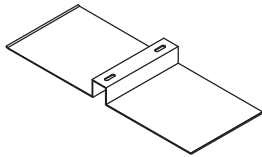
2. Front leg



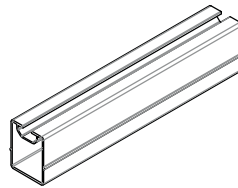
3. T-Bolt



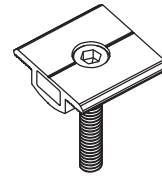
4. Back leg



5. Ballast tray

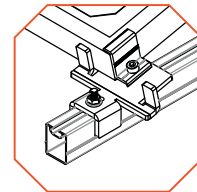
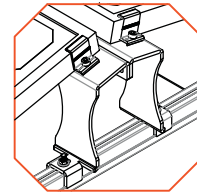
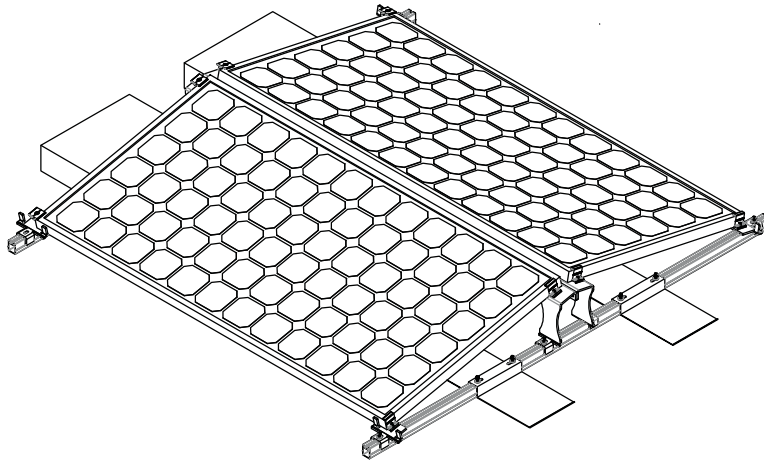


6. Rail

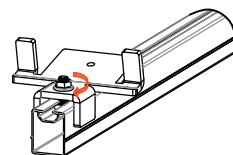
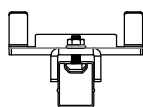
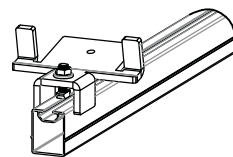
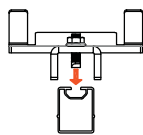


7. Inner clamp

A combination of high quality aluminium components make a robust, reliable system, quickly and easy installation.



We use stainless steel T-bolts to fix the ballast plate and front & rear support make it easier install.





Pole Mounting System

VMECO Pole mounting systems have different angles options of 3, 4, 6, 8 panels. Simple design is ideal for remote off-grid applications such as water pumps for farm, or small residential and commercial systems etc. It can meet the customers need different angles and power generation.

Packing in wooden cases each ,easy to transport and install.

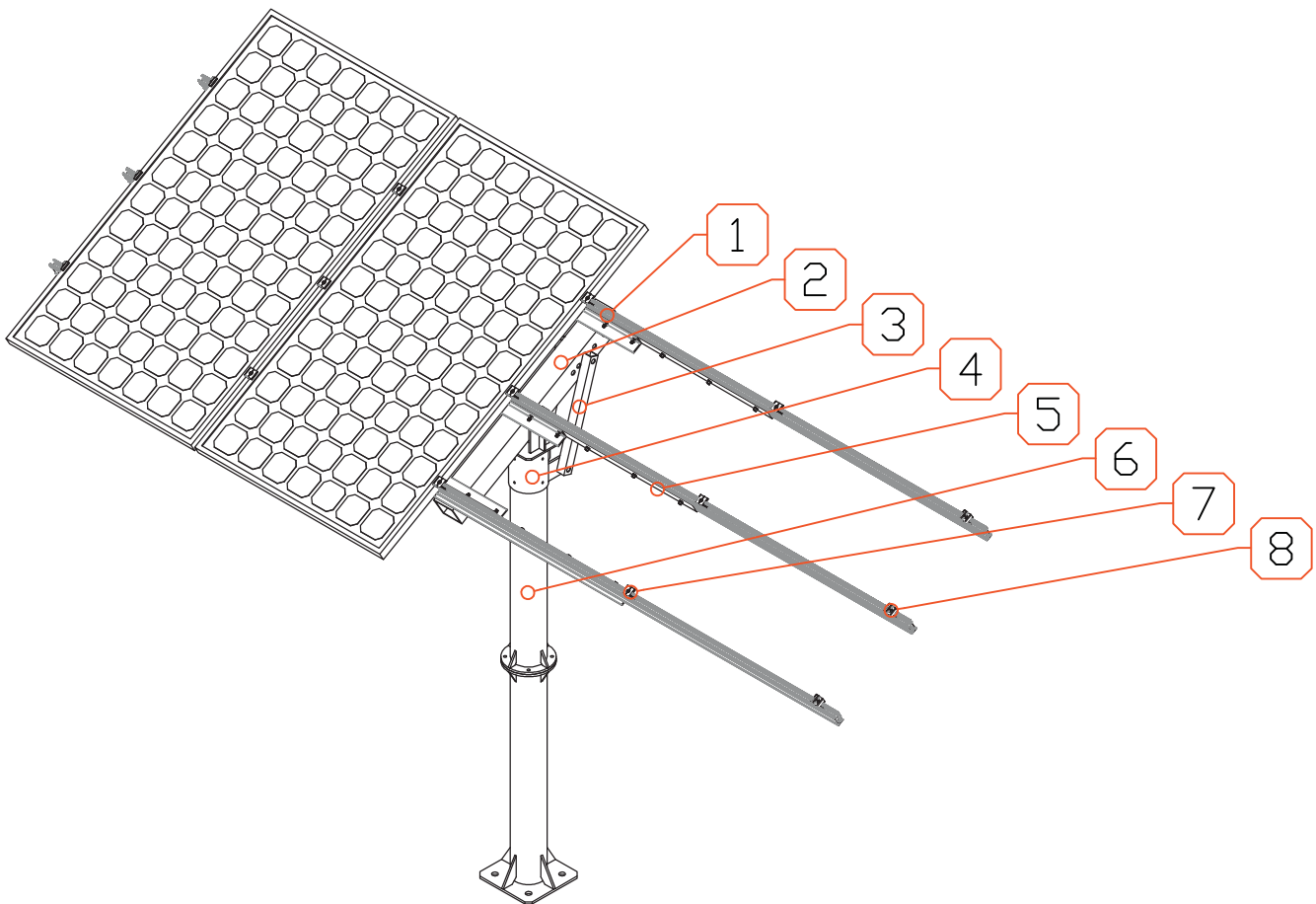
Product Overview

Install Site: outdoor

Material: AL6005-T5、Q235、SUS304

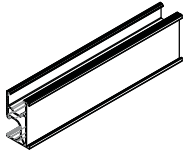
Standard: AS/NZ1170.2、JIS C 8955、MCS 012、TUV、UL2703 etc.

Tilt Angle: 0°~40°

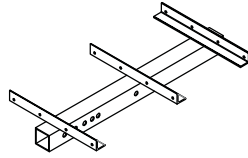




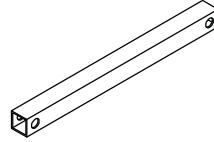
CLEAN ENERGY



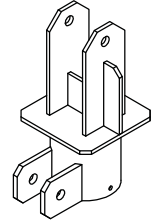
1. Rail



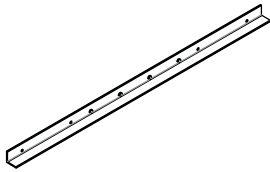
2. Beam



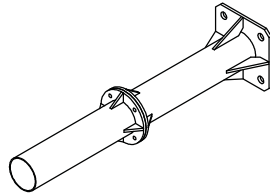
3. Adjustable Tube



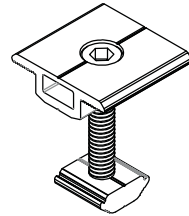
4. Steel Cap



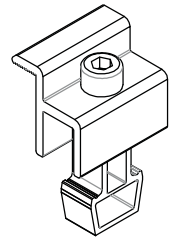
5. Rail tray



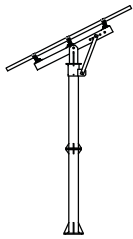
6. Pole



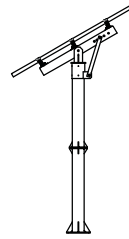
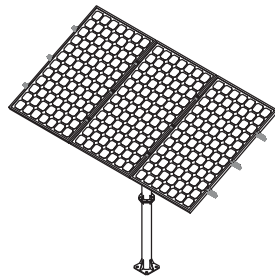
7. Inner clamp



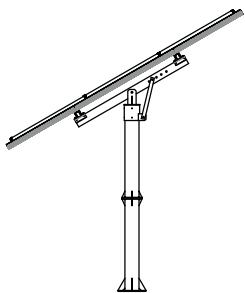
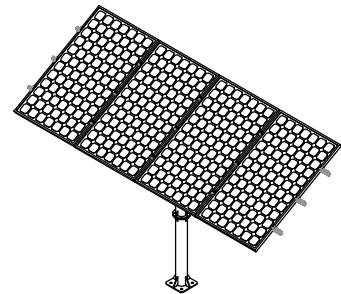
8. End clamp



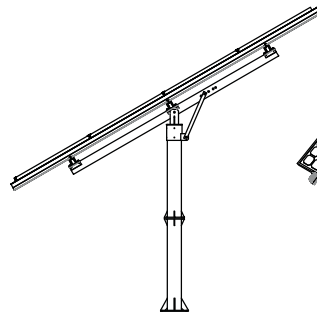
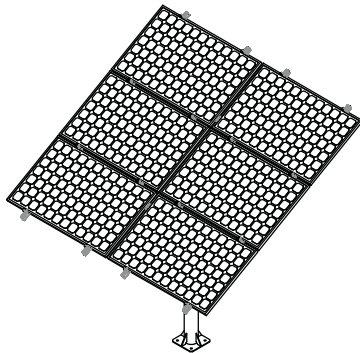
VCE-PMT-03



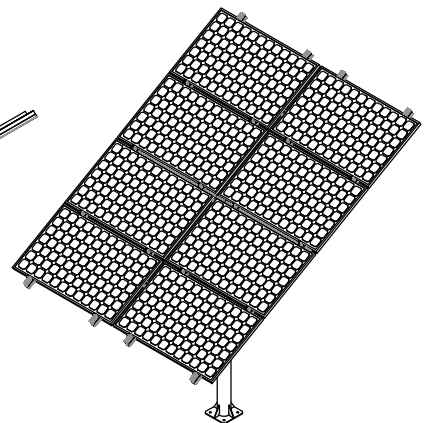
VCE-PMT-04



VCE-PMT-06



VCE-PMT-08





CLEAN ENERGY

Standard Ground Mounting System

VMECO CE ground mounting systems suitable for installation system of medium or large scale ground power station. Each Components are Maximize pre-assembled, widely save your labor cost and install time

Customized allowed according to project wind & snow load, provide economic & effective solutions .

The designed with ground screw result in fast, easy and cost efficient installation.

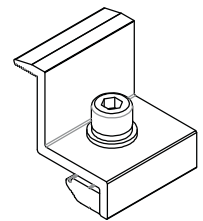
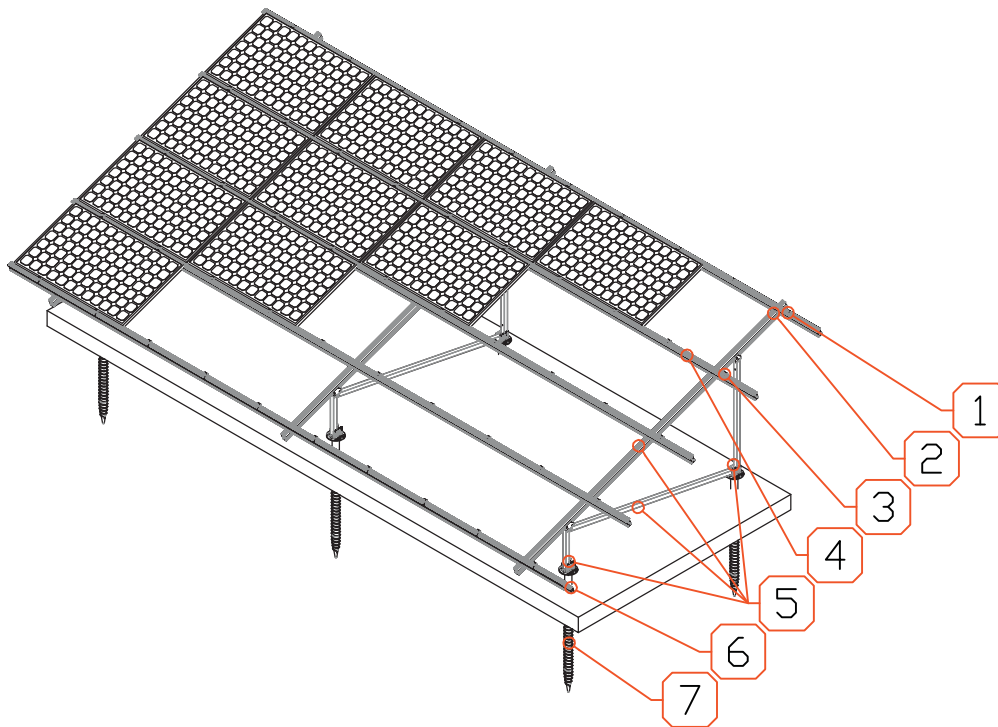
Product Overview

Install Site: Outdoor flat ground, Mountain, Terraced field.

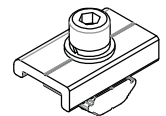
Material: AL6005-T5, Q235, SUS304

Standard: AS/NZ1170.2, JIS C 8955, MCS 012, TUV, UL2703 etc.

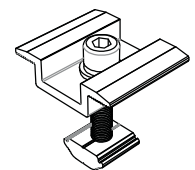
Tilt Angle: 5°~60°



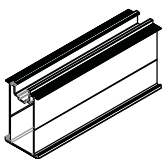
1. End clamp



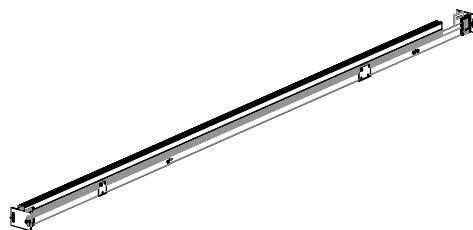
2. Rail clamp



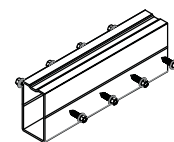
3. Inner clamp



4. Rail



5. Pre-assembled support



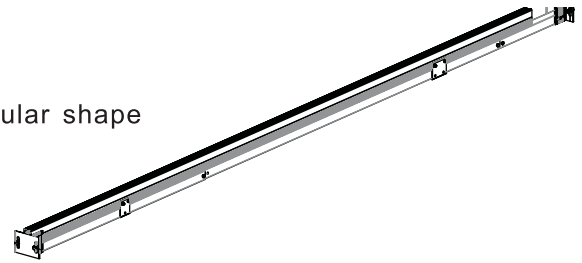
6. Rail connect



7. Ground screw

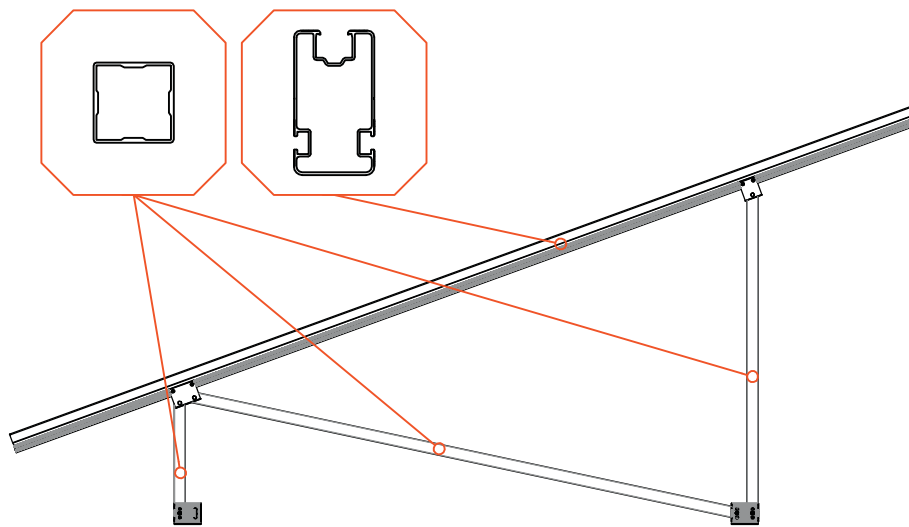
Components Information

The ground mounting has been folded into a rectangular shape before shipment easy to transport.

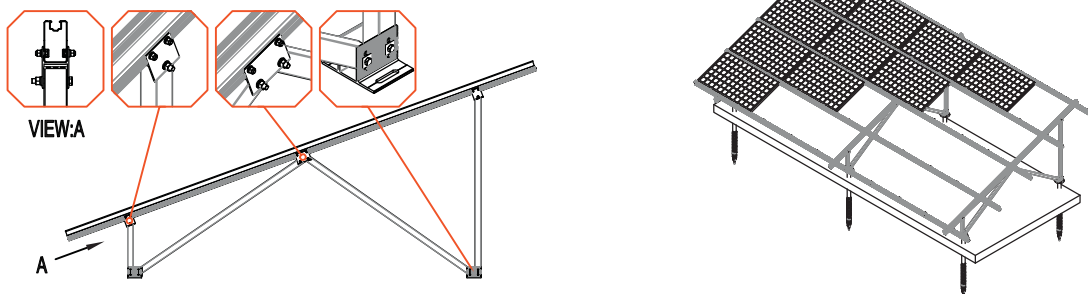


VMECO CE ground mounting pre-assembled support connected to the main beam in a different way, have N, W ,E&West adjustable solutions.

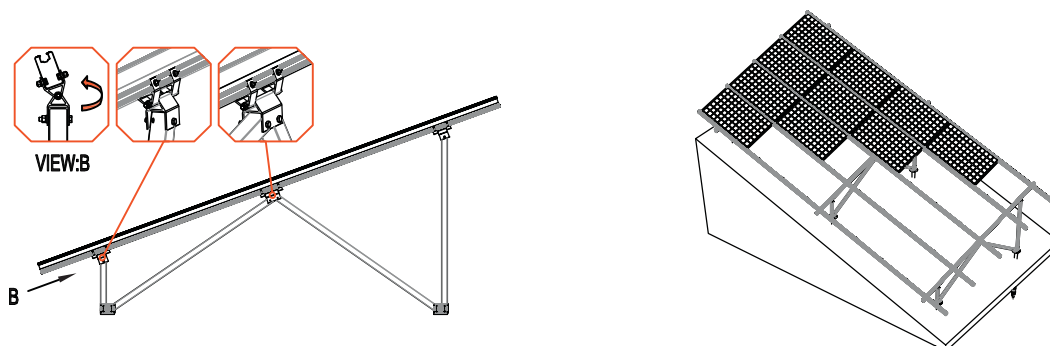
N Ground Mounting suitable for small wind&snow load condition.



W Ground Mounting suitable for high wind&snow load condition.



E&West adjustable ground mounting suitable for East &West way Uniform slop ground.





U Pile Ground Mounting System

VMECO CEU pile ground mounting system suitable for large scale power station installation, Pile to the ground made install faster and lower cost than others. Each components are maximize pre-assembled, widely save your labor cost and install time

Customized allowed according to project wind & snow load, provide economic & effective solutions.

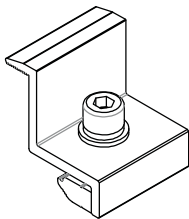
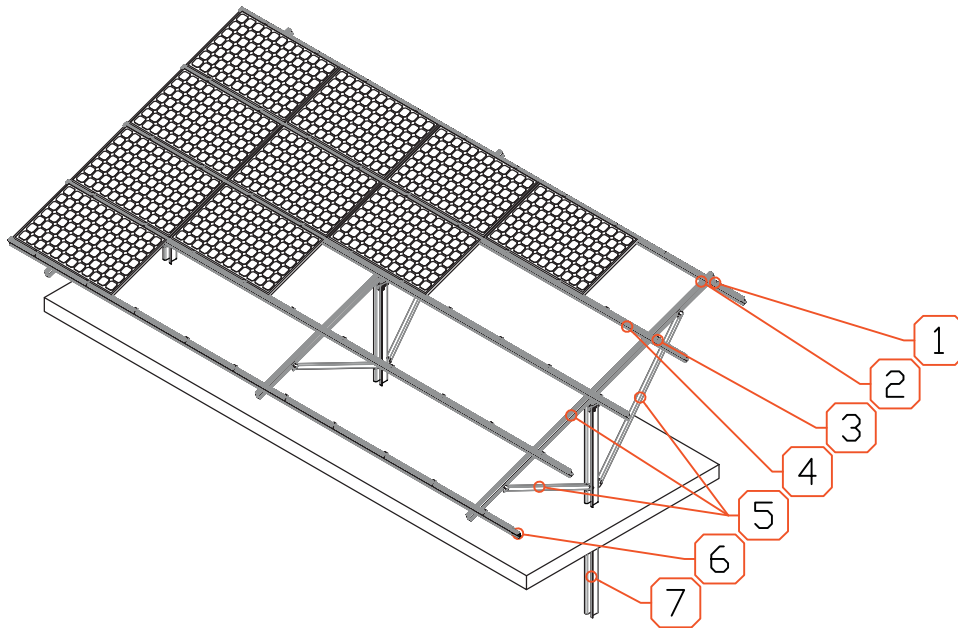
Product Overview

Install site: Outdoor ,Mountain, Terraced field

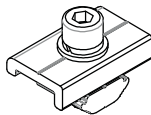
Material: AL6005-T5、 Q235、 SUS304

Standard: AS/NZ1170.2、 JIS C 8955、 MCS 012、 TUV、 UL2703 etc.

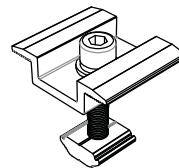
Tilt Angle: 5°~60°



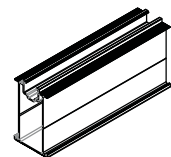
1.End clamp



2.Rail calmp



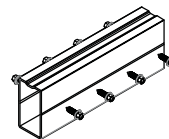
3.Inner clamp



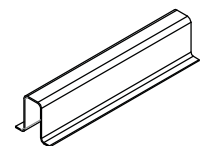
4.Rail



5.Pre-assembled support



6.Rail connect



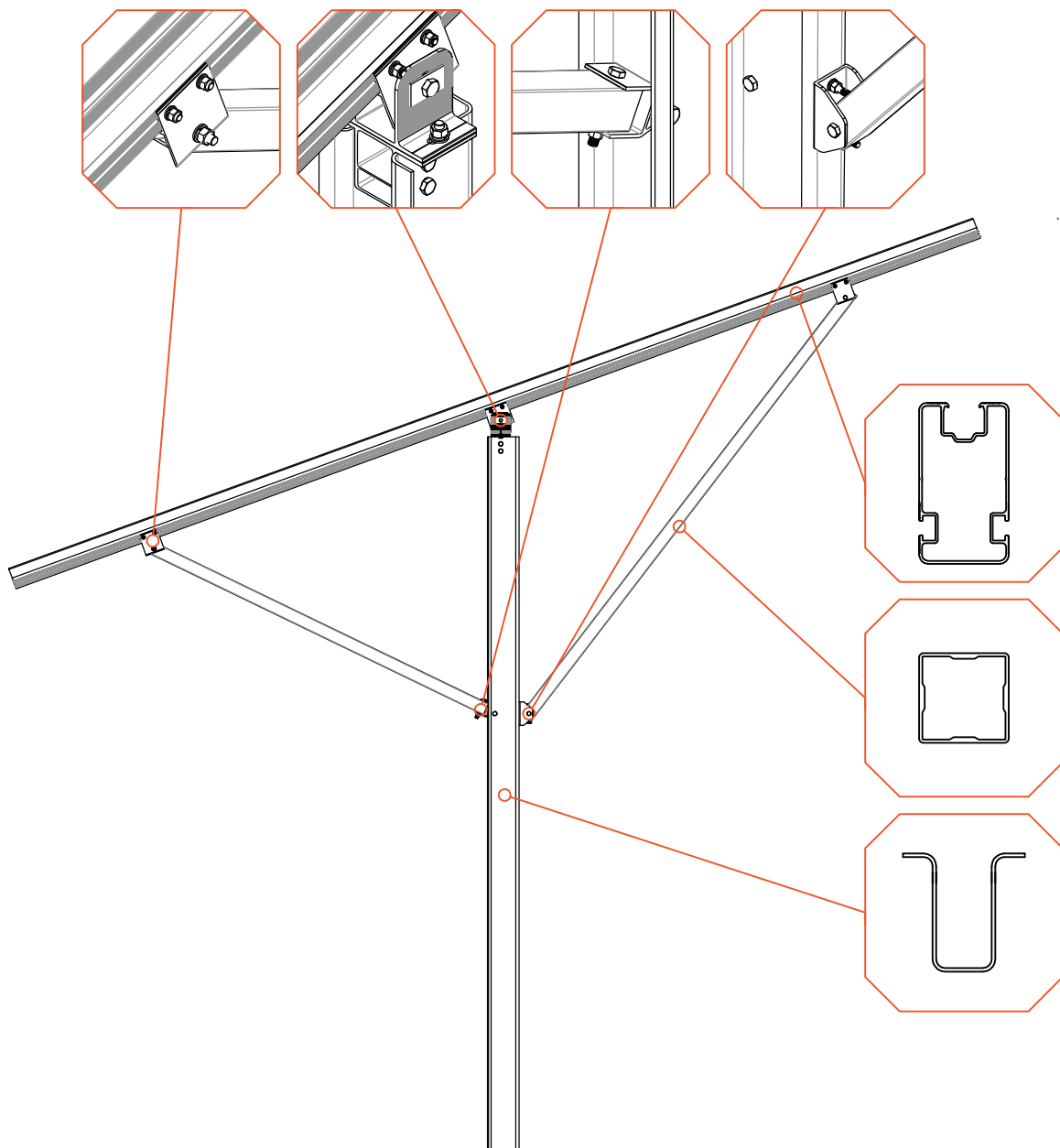
7.U-Type pile

Components Information

The U type pile ground mounting system has been folded into a rectangular shape before shipment easy to transport.



Components Information:





Agricultural Farmland Mounting System

VMECO agricultural farmland mounting system combines solar energy with agricultural planting or farming to bring secondary economic benefits to farmers. Smart design make farmers can normally work under the frame. Each components are maximize pre-assembled, widely save your labor cost and install time.

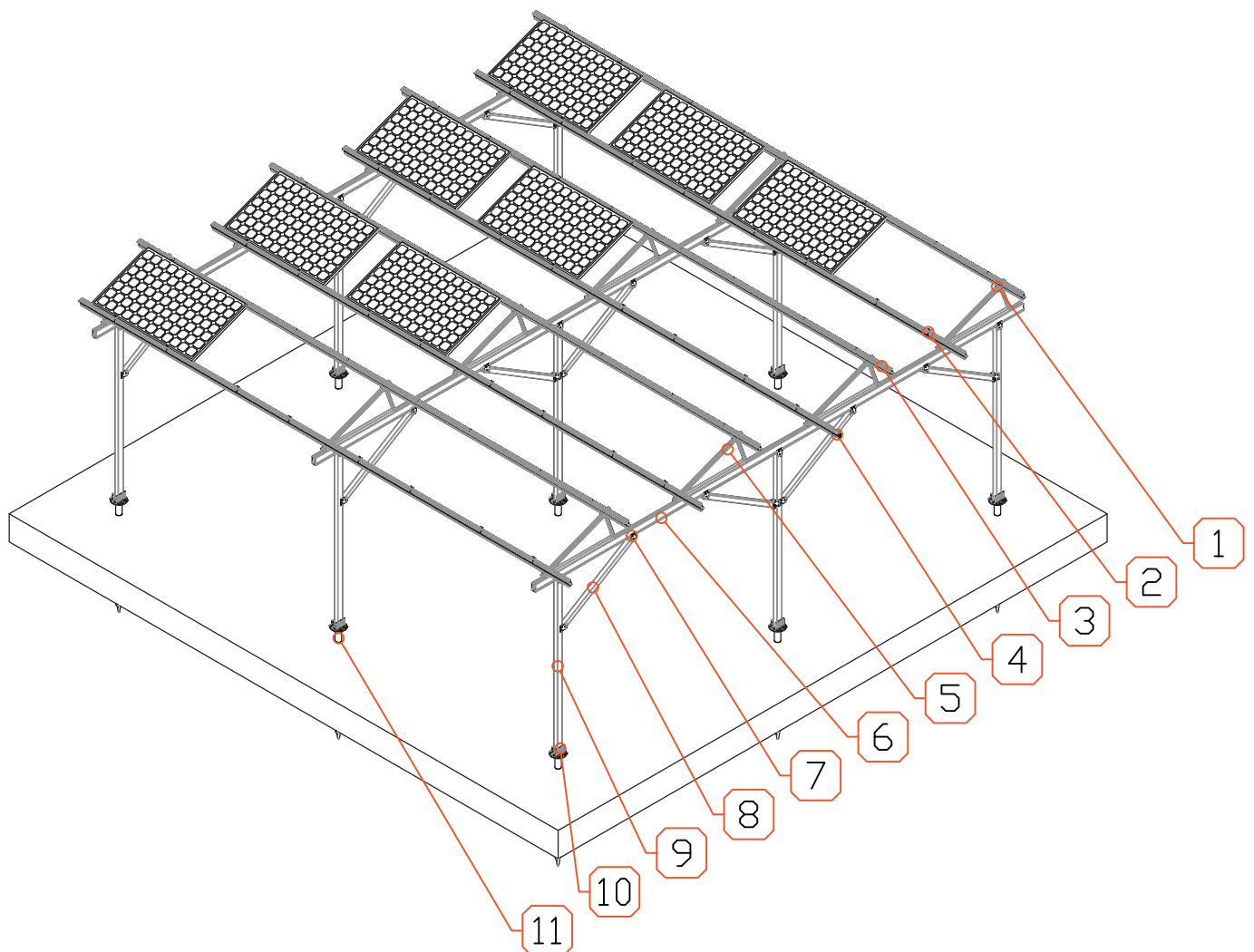
Product Overview

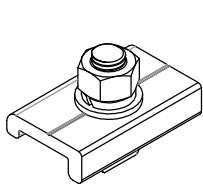
Install site: Flat agricultural land

Material: AL6005-T5, Q235, SUS304

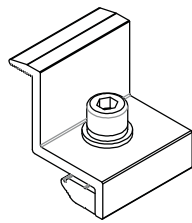
Standard: AS/NZ1170.2, JIS C 8955, MCS 012, TUV, UL2703 etc.

Tilt Angle: 5°~45°

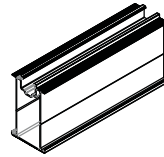




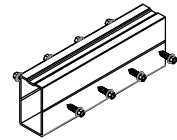
1. Rail clamp



2. End clamp



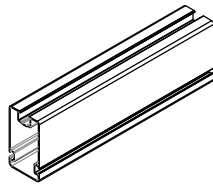
3. Rail



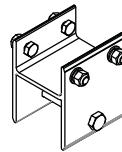
4. Rail connect



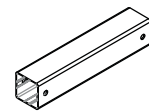
5. Tripod



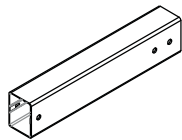
6. Main beam



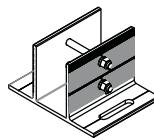
7. H support



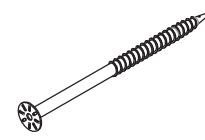
8. Incline brace



9. Pole support



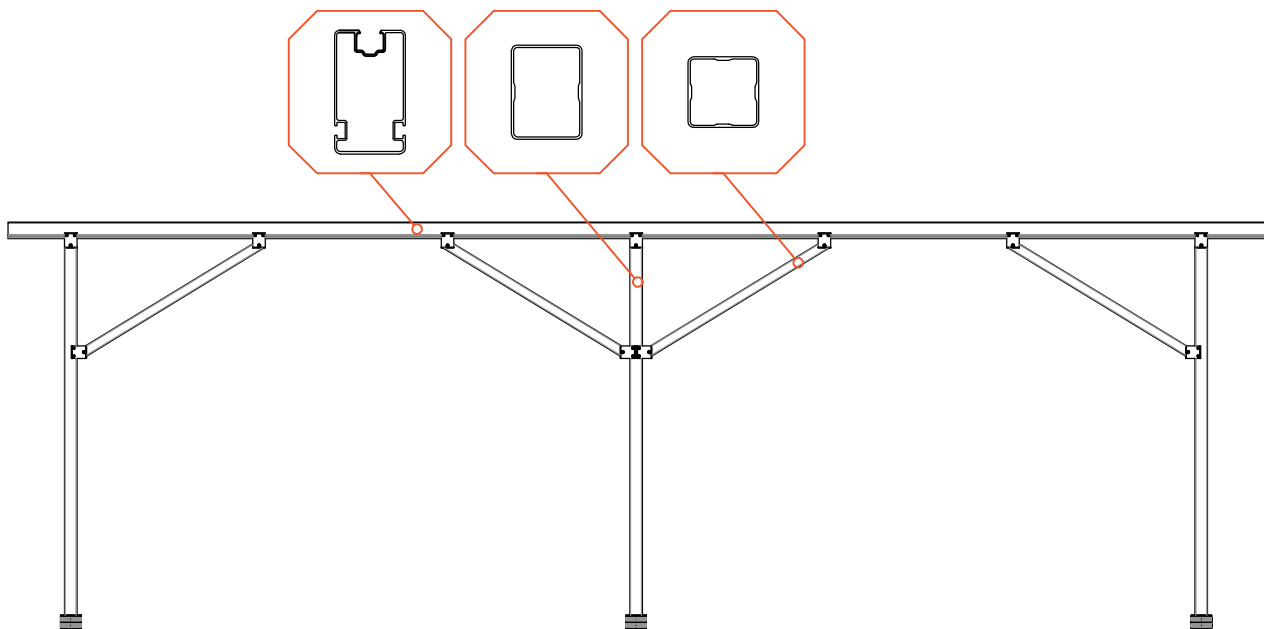
10. Bottom



11. Ground screw

Components Information

VMECO CE agricultural farmland mounting system assembly:





Carpot Systems

VMECO CE Carpot systems offers a simplified and economical solutions that provides a perfect combination of shade parking and solar power generation as well as electric vehicle charging .It applied for family parking, commercial parking, awnings and even bus stops.

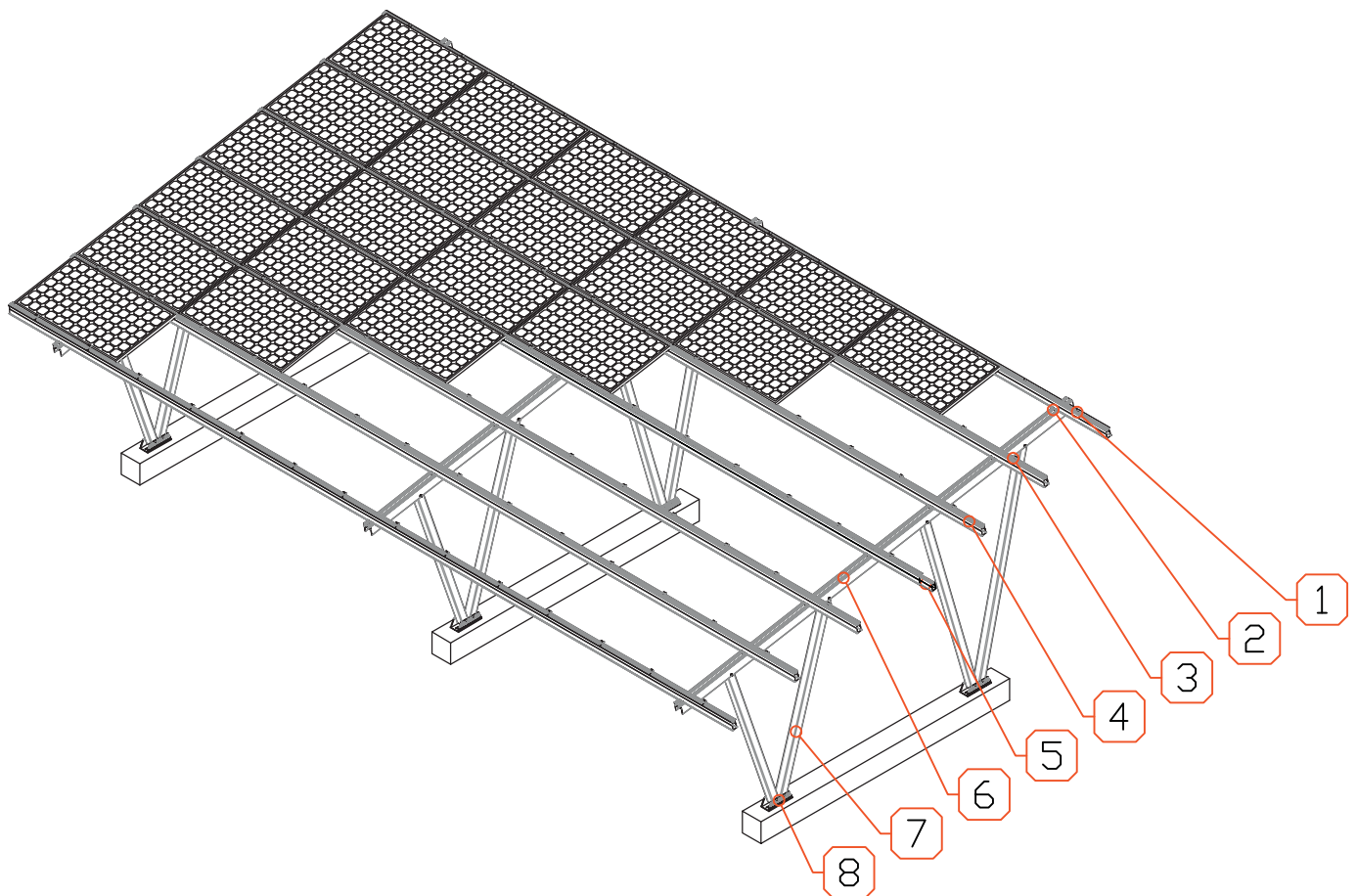
Product Overview

Install Site: Flat outdoor

Material: AL6005-T5、 SUS304

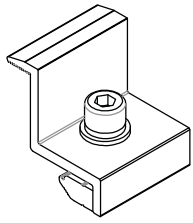
Standard: AS/NZ1170.2、 JIS95 C 85、 MCS 012、 TUV、 UL2703 etc.

Tilt Angle: 5°~30°

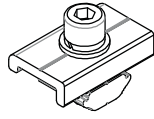




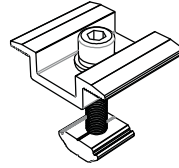
CLEAN ENERGY



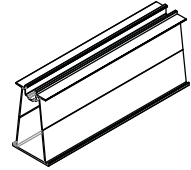
1. End clamp



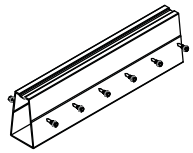
2. Rail clamp



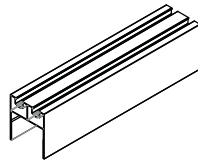
3. Inner clamp



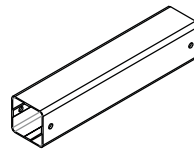
4. Rail



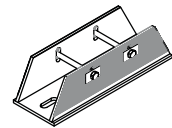
5. Rail connect



6. Main beam

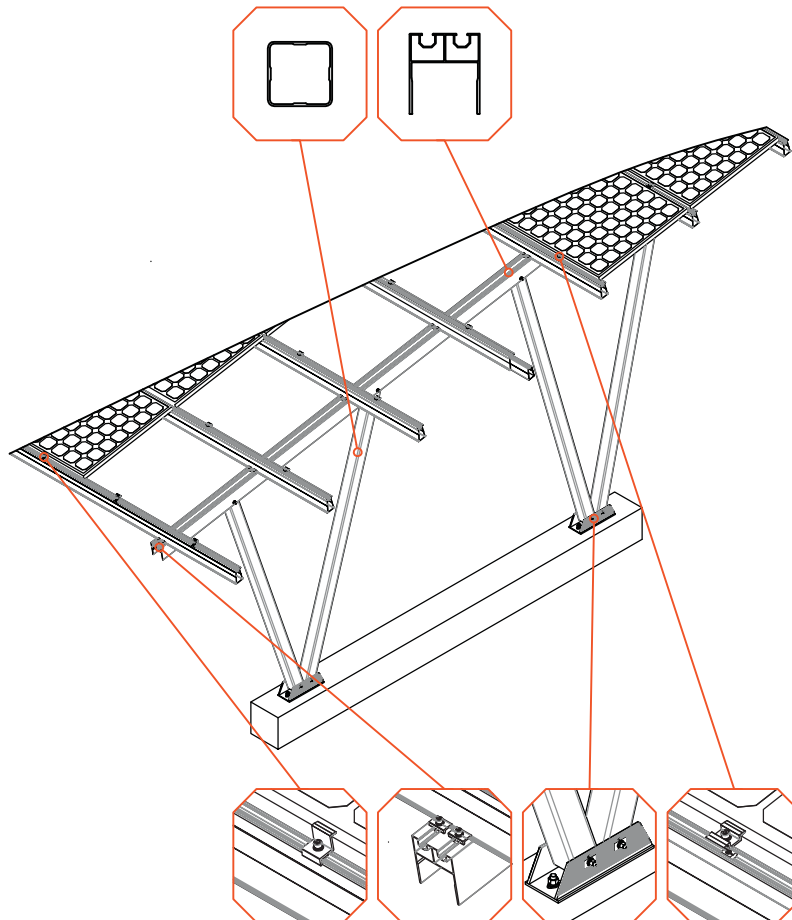


7. Pole support



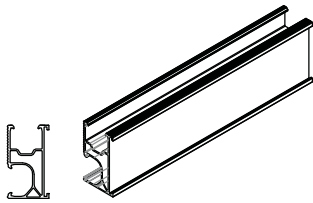
8. Bottom

Components Information

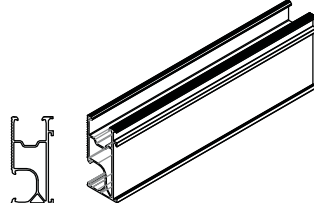


Rail&Connect

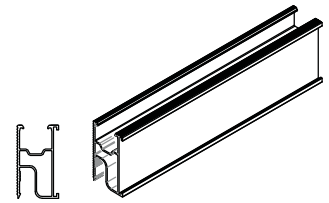
Rail



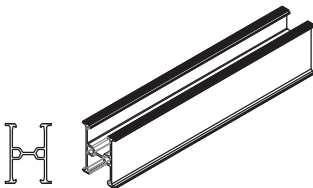
VCE-R52



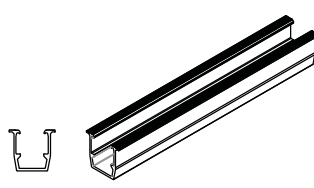
VCE-R62



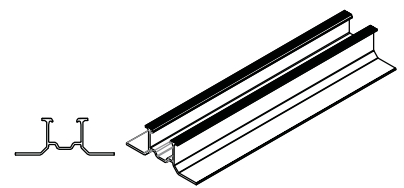
VCE-R52C



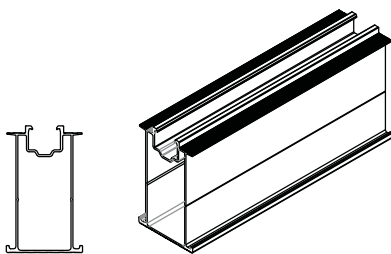
VCE-R42



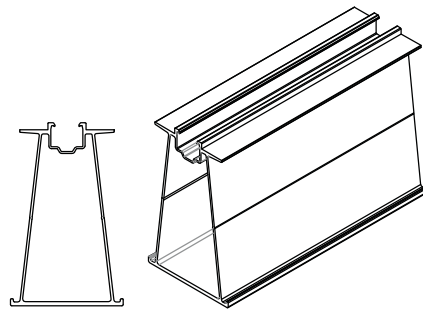
VCE-R29



VCE-R26

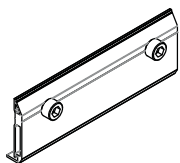


VCE-R90

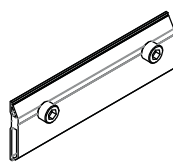


VCE-R130

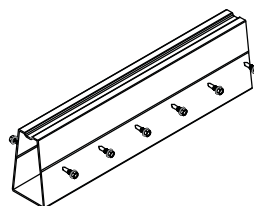
Connect



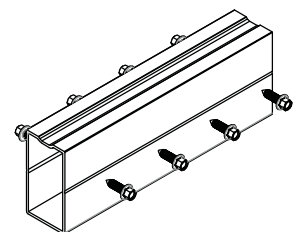
VCE-SFR-01



VCE-SFR-02

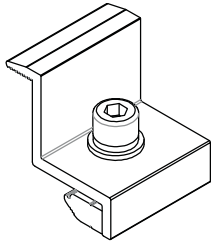


VCE-SFR-03

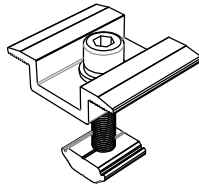


VCE-SFR-04

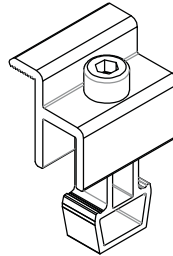
Clamps



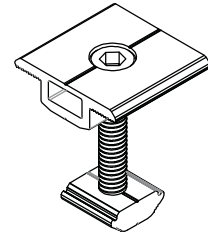
VCE-GEC-XX



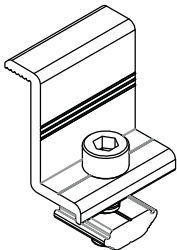
VCE-GIC-XX



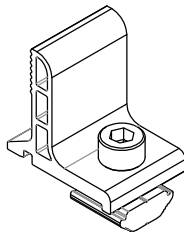
VCE-AEC
(Adjustable 30-40mm)



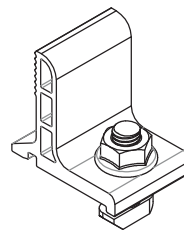
VCE-AIC
(Adjustable 30-40mm)



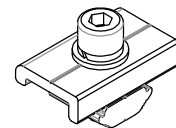
VCE-FEC-XX



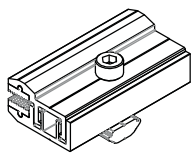
VCE-RCN



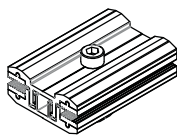
VCE-RCB



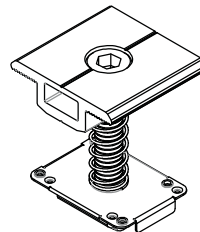
VCE-GRC



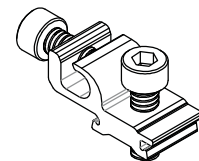
VCE-FEC



VCE-FIC



VCE-EIC
(Include spring&earthing clip)



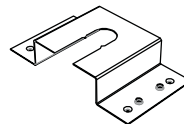
VCE-ELG



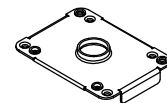
VCE-CCP-02



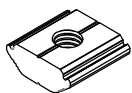
VCE-CCP-03



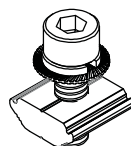
VCE-GEL



VCE-REL



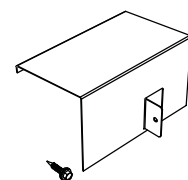
VCE-NUT



VCE-NBW

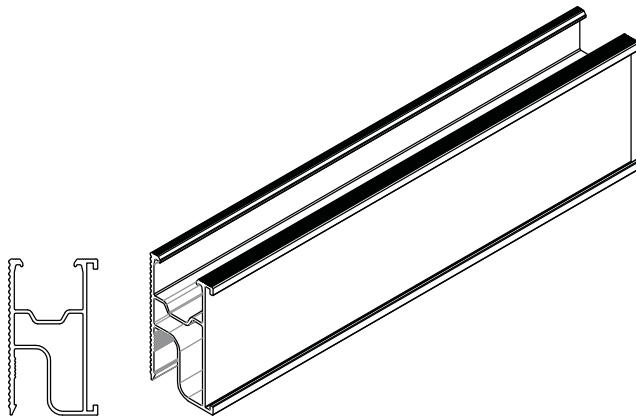


VCE-CCT

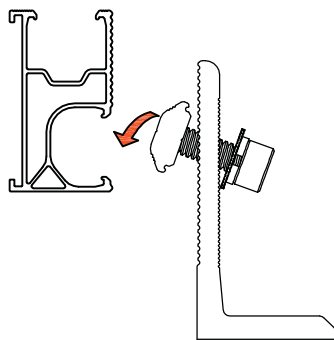


VCE-IBT
(Isolator Bracket)

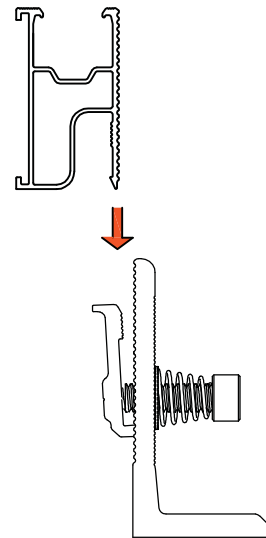
Plug Type Rail



VMECO CE Plug type rail is much more flexible and simple installation than normal one. It only Simply insert the rail into the L-feet or hook, and then fasten the bolts to complete the installation, making the entire installation process quick and easy.

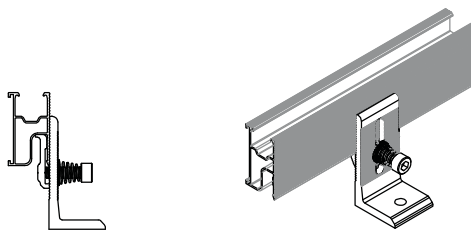


Normal rail Installation diagram

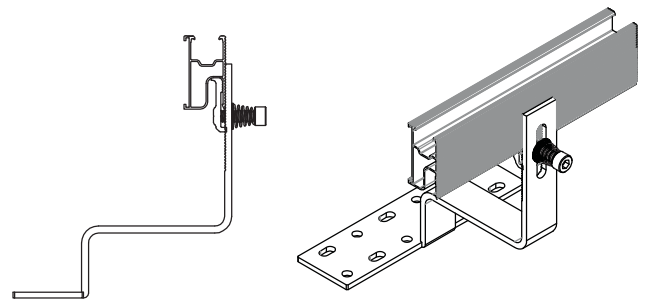


Plug type rail Installation diagram

VMECO CE Plug type rail used for L-feet, Hooks with special clamp.



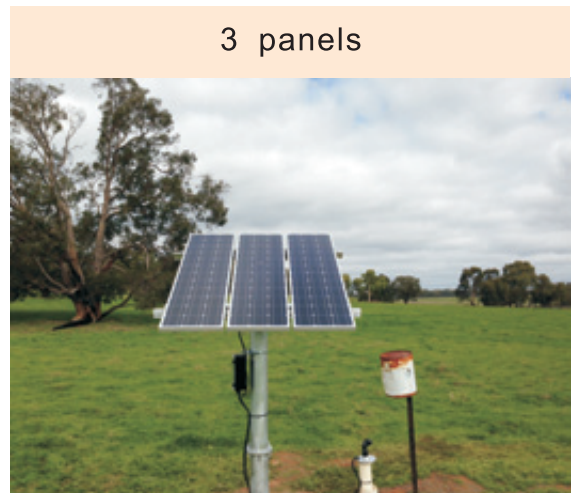
Plug type rail with L-foot



Plug type rail with hook

Projects

Pole Mounting





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Projects

Flat Roof





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Tin Roof





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Projects

Tile Roof





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Standard Ground Mounting

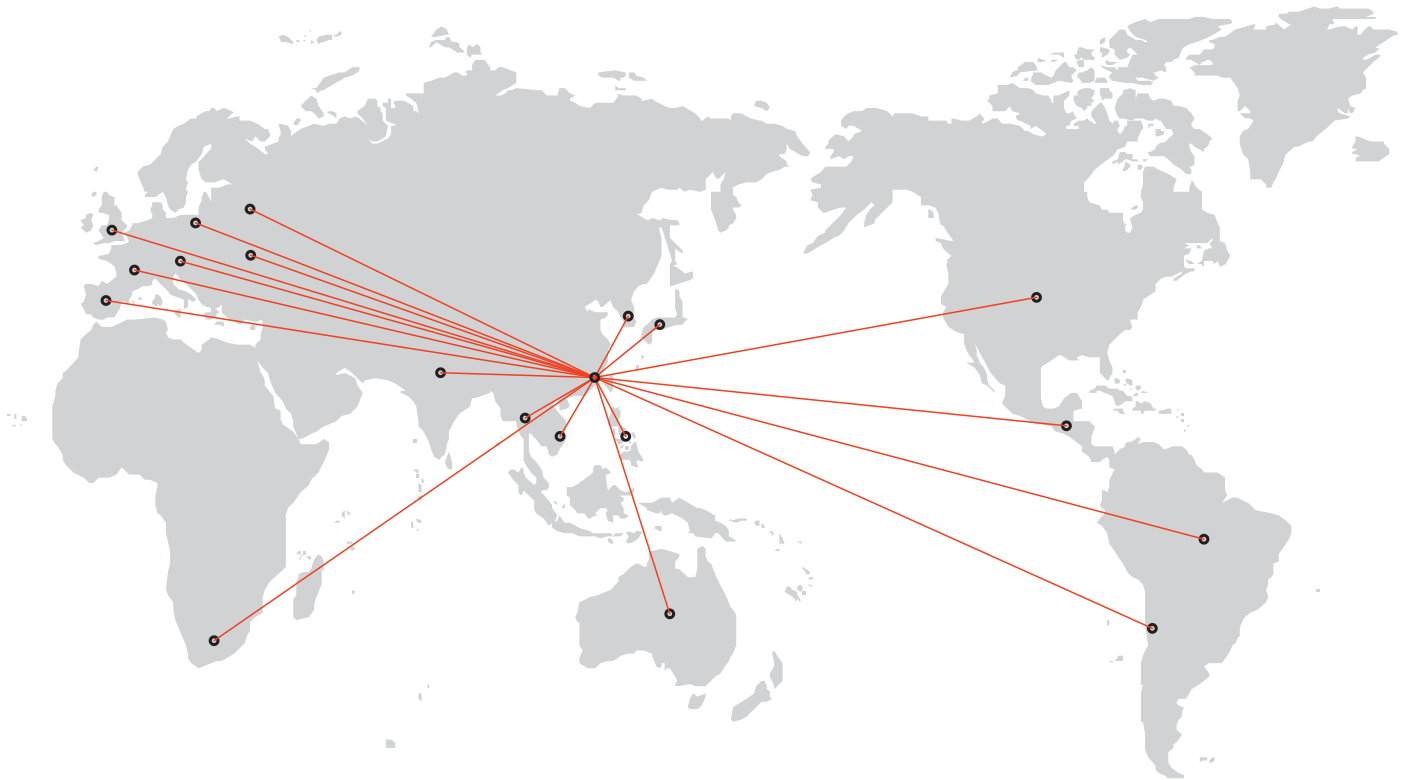




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Sales Network

VMECO CE products are designed with stable, reliable and cost-effective solutions for our customers. Our products are highly praised and appreciated in the solar PV Industry.





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