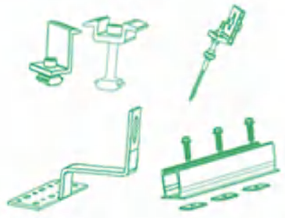
CORIGY
Create Re-Energy

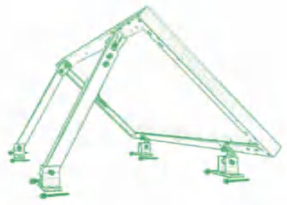
PRODUCT CATALOGUE

CORIGY SOLAR MAIN MARKET

Professional Solar Mounting Structure Manufacturer

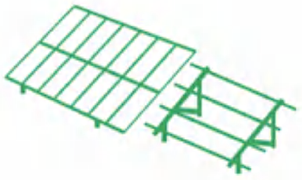


Solar Mounting Accessories



Easy Installation Bracket

Rooftop Mounting Bracket



Ground Mounting Bracket

Carport Structure

TÜV
TÜV Rheinland Group

ISO 9001

RoHS

Website: www.corigy.com Email: sales@corigy.com Tel: +86 592 6883200

CE SGS

COMPANY PROFILE

Xiamen Corigy New Energy Technology Co.,Ltd

Xiamen Corigy New Energy Technology Co.,Ltd is a high-tech enterprise specializing in PV mount systems, with R&D, production, sales and service. With its own aluminum extrusion plant, aluminum bracket deep processing plant and steel plant, Corigy's business has spread all over the country and abroad, and has become China leading supplier of PV brackets.

R & D TEAM

Corigy members endeavor to supply customers with the simplest, safest and most efficient & reliable systems. Since establishment, our excellent R&D team has developed dozens of solar products and accessories independently, which have been exported to over 100 countries and regions in the word. While to drive continuous success, we remain investing heavily in research, development, service and our staffs to improve their comprehensive quality and design the better products for customers with lower cost.

FACTORY

Corigy sets up an international research and development department, with a group of high-tech professional technical elites. We attach great importance to applying high-tech advanced equipment and bringing in high-grade, advanced talented persons, to offer customers kinds of very nice and cost-efficient solar mounting structures to meet their needs and requirements perfectly.

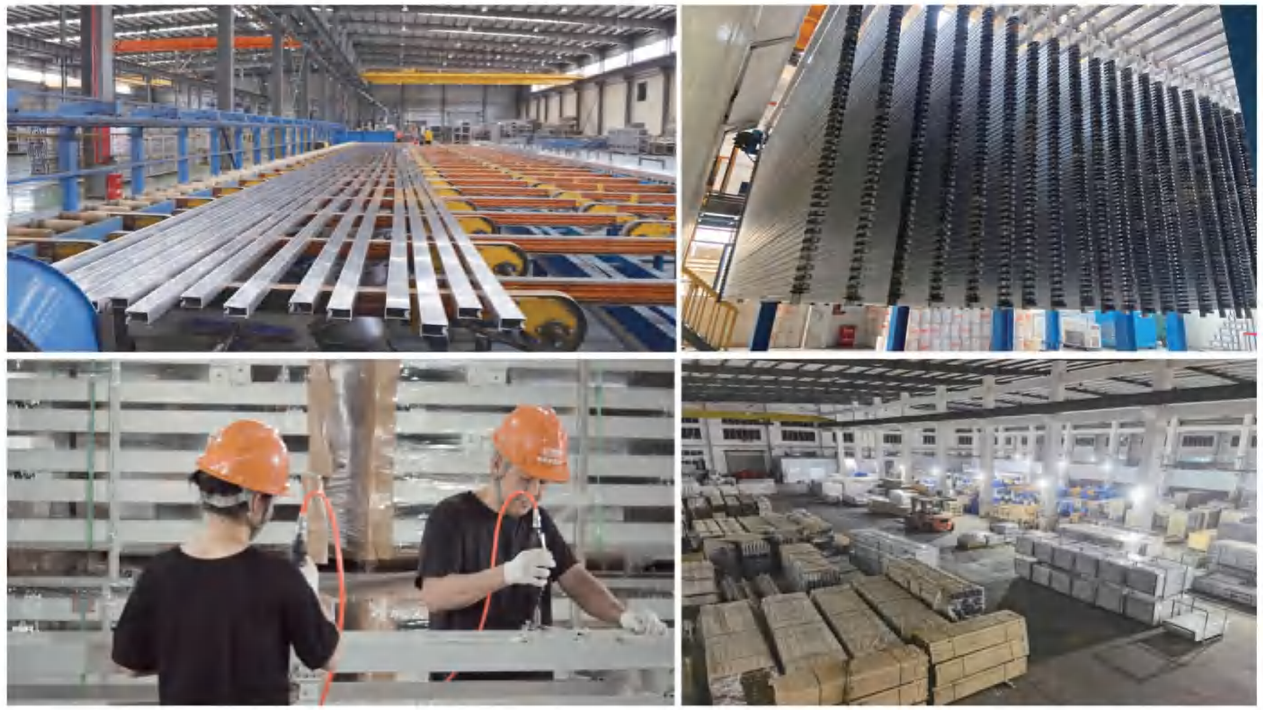
With 12000m² factory area and large company capacity, Corigy has ----

---- Aluminum factory with oxidation line, foundry production line and full-auto production line making us to produce every aluminum product by ourselves, and making us to control every step during the production to ensure high quality of our products, as well as allowing us to offer more favorable price to our customers.

----Steel factory, OEM&ODM orders are acceptable in the factory. The factory is strict on every processing during production to make sure the quality of the product. Price is favorable to customers.

----Manufacturing factory with advanced cutting machine, eyelet machine and full-auto production line making us to customized produce goods for different customers with different requirements, to meet their needs prefectly.

Production Capacity: Ground Mounting System 100MW/month,
Roof Mounting System 200MW/month.



Gobal Service

Manufacturing facilities for both aluminum and steel product

Free Design
Design standard: TUV, AS 1170.2:2011, JIS C 8955:2011, UL 1703/2703

GLOBAL SERVICE& PROVEN RECORDS

Corigy's ground solar mounting system and rooftop solar mounting system has been installed worldwide, from Europe, South America, South Africa, Asia, Mid East to Oceania.

With more than 10 years experience, no matter the large-scale or small-scale project, we can provide the most suitable and economical structure to customers.

We have ever provided the mounting structure to 50MW, 120 MW to 240 MW projects.

We are also the Ecoligo approved vendor.

Europe
Poland
Italy
Spain
Slovakia
Hungary
Germany
Sweden
Switzerland
Netherlands
Belgium
Portugal
Estonia
Romania

North America
Canada
The USA

South America
Colombia
Brazil
Uruguay
Guyana
Ecuador
Mexico
Panama
Saint Vincent
Netherlands Antilles

Africa
Burkina Faso
Congo
Ghana
Kenya
Libya
Nigeria
Sierra Leone
Senegal

East Asia
Japan

Oceania
Australia

Middle East
Syria
Qatar
Saudi Arabia
The United Arab Emirates

Southeast Asia
Thailand
Cambodia
Vietnam
Philippines
Indonesia
Malaysia

Metal Roof Clamp Structure

Metal Roof Mini Rail Structure

Metal Roof Ventilation Structure

Flat Roof Ballast Structure

Tile Roof L Foot Structure

Tile Roof Hook Structure

GM01 N Structure
Ground Mounting Structure

GM01 W Structure
Ground Mounting Structure

GM01 W Structure
Ground Mounting Structure

GM02 Carbon Steel
Ground Mounting Structure

GM03 Single Pole
Ground Mounting Structure

GM04 Single Pole
Ground Mounting Structure

240MW Ground Solar Project in Vietnam
(One of the biggest solar plant in South-East Asia)

150MW Ground Solar Project in Cambodia
(The biggest solar plant in Cambodia)

Cetifications

CORIGY
Create Re-Energy

Attestation – Аттестация – 证明 – Attestation – 증명서 – شهادة

Form QAT_1D-M06, version 02, effective since October 07th, 2022

ATTESTATION

No. 0P221205.XCNCO84

Test Report / Technical Construction File no. TCF-KKR-21153

Attestation's Holder: Xiamen Corigy New Energy Technology Co., Ltd.
Room1804, No.893, Haicang Avenue, Haicang District, Xiamen City, China

Attestation ECM Mark: ECM Type Approved

Product: Solar Mounting Structure
Model(s): *(see the following annex)*

Verification to: Standard:
EN 1090-1:2009+A1:2011, EN 1090-2:2008+A1:2011,
EN 1991-1-3:2003+AC:2009,
EN 1991-1-4:2005+A1:2010+AC:2010,
EN 1993-1-1:2005+AC:2009, EN 1993-1-3:2006+AC:2009,
EN 1997-1:2004+AC:2009+A1:2013, EN 1998-1:2004/A1:2013,
EN 1999-1-1:2007+A1:2009+A2:2013

related to CE Directive(s):
R 305/2011 (Regulation for the Marketing of Construction Products)

This document has been issued in accordance with the European Commission's note of 14 September 2022 ref. Ares (2022) 6342894 concerning voluntary certifications with a non-notified procedure as it does not fall within the scope of Ente Certificazione Macchine notification under harmonised Union legislation.

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directives. The verification actively carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. The above conformity mark can be affixed to the technical documentation in accordance with the ECM regulation on its issue and use, published on the website www.entecerma.it

Issuance date: 05 December 2022

Expiry date: 04 December 2027

For online check:

Approver
Ente Certificazione Macchine
Legal Representative
Luca Bagliani

Ente Certificazione Macchine Srl
Via Ca' Bella, 243 – Loc. Castello di Serravalle – 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 🖷 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

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IQNet
THE INTERNATIONAL CERTIFICATION NETWORK

CERTIFICATE

CQM as an IQNet Partner hereby states that the organization:

Xiamen Corigy New Energy Technology Co., Ltd.

Certification Add.: Room 313, No.21, Pingcheng North Road, Haicang District, Xiamen City, Fujian, P.R. China
Post code: 361026

for the following scope:

Design and sale of photovoltaic mounting

has implemented and maintains a

Quality Management System

which fulfils the requirements of the following standard:

ISO 9001:2015

Issued on: 2017-03-23

for the validity date, please refer to the original certificate issued by CQM*

Registration Number: CN-00217Q21273R0S

Michael Drechsel
President of IQNet

Ji XiaoDong
General Manager of CQM

IQNet Partners**:
AENOR *Spain* AFNOR Certification *France* Vinçotte *Belgium* APCER *Portugal* CCC *Cyprus*
CISQ *Italy* CQC *China* CQM *China* CQS *Czech Republic* Cro Cert *Croatia* DQS Holding GmbH *Germany*
FCAV *Brazil* FONDONORMA *Venezuela* ICONTEC *Colombia* IMNC *Mexico* Inspecta Certification *Finland* INTECO *Costa Rica*
IRAM *Argentina* JQA *Japan* KFQ *Korea* MIRTEC *Greece* MSZT *Hungary* Nemko AS *Norway* NSAI *Ireland* PCBC *Poland*
Quality Austria *Austria* RR *Russia* SIQ *Slovenia* SIQ *Serbia* SII *Israel* SIQ *Slovenia* SIRIM QAS International *Malaysia*
SQS *Switzerland* SIRAC *Romania* TEST St Petersburg *Russia* TSE *Turkey* YUQS *Serbia*
IQNet is represented in the USA by: AFNOR Certification, CISQ, DQS Holding GmbH and NSAI Inc.

* This attestation is directly linked to the IQNet Partner's original certificate and shall not be used as a stand-alone document.
** The list of IQNet partners is valid at the time of issue of this certificate. Updated information is available under www.iqnet-certification.com

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PTSI

Shenzhen PTSI Testing Co., Ltd.
http://www.ptsi-lab.com, E-mail: service@ptsi-lab.com
Tel: +86 (0) 755-2782 0619 / 4008-518-619, Fax: +86 (0) 755-2721 5518
2/F, Building C, Hongwen Commercial Center, Bao'an Road, Xixiang, Baoan, Shenzhen, China

TEST REPORT

Report No.: PRSZ17021701C

Applicant	:	Xiamen Corigy New Energy Technology Co., Ltd.
Address	:	No. 21, Pingcheng North Road, Haicang District, Xiamen, Fujian, China
EUT	:	Solar Mounting Bracket
Test Number	:	/
Trademark	:	CORIGY Great Re-Energy
Testing Period	:	February 17 to February 23, 2017
Issue Date	:	February 23, 2017
Manufacturer	:	Xiamen Corigy New Energy Technology Co., Ltd.
Address	:	No. 21, Pingcheng North Road, Haicang District, Xiamen, Fujian, China
Test Lab.	:	Shenzhen PTSI Testing Co., Ltd.
Test Item	:	Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr^{6+}) content in the submitted sample in accordance with Directive 2011/65/EU (RoHS)
Conclusion	:	Pass The submitted sample complied with the requirement of Directive 2011/65/EU (RoHS)

******FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)******

Scan to Search

Signed for and on behalf of
Shenzhen PTSI Testing Co., Ltd.

Approved

Tested by: Feedy Liao, Test Engineer
Reviewed by: Peter Wu, Laboratory Supervisor
Approved by: James Liu, Technical Director

Page 1 of 3 Report No.: PRSZ17021701C

证书号第5944075号

实用新型专利证书

实用新型名称：梯形屋顶的太阳能板支架的安装结构

发 明 人：钟泉华；谢芳远

专 利 号：ZL 2016 2 0707401.5

专利申请日：2016年07月06日

专 利 权 人：科锐欣（厦门）新能源科技有限公司

授权公告日：2017年02月22日

本实用新型经过本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年07月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

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局长
申长雨

中华人民共和国国家知识产权局

2017年02月22日

SGS

TEST REPORT

No. : XMIN1511006872ML
Date : Nov 12, 2015
Page: 1 of 2

CUSTOMER NAME: XIAMEN CORIGY NEW ENERGY TECHNOLOGY CO.,LTD.
ADDRESS: ROOM313,NO 21, PINGCHENG NORTH ROAD, HAICANG DISTRICT,XIAMEN CITY, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name	:	CP-RC
Material and Mark	:	Al6005-T5
Date of Receipt	:	Nov 03, 2015
Testing Start Date	:	Nov 03, 2015
Testing End Date	:	Nov 11, 2015
Test result(s)	:	For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical Services Co. , Ltd Xiamen Branch
Testing Center

Spike Tang
Authorized signatory

Member of the SGS Group (SGS SA)

SGS

TEST REPORT

No. : XMIN1511007083ML
Date : Nov 12, 2015
Page: 1 of 3

CUSTOMER NAME: XIAMEN CORIGY NEW ENERGY TECHNOLOGY CO.,LTD.
ADDRESS: ROOM313,NO 21, PINGCHENG NORTH ROAD, HAICANG DISTRICT,XIAMEN CITY, CHINA

The following sample(s) was/ were submitted and identified on behalf of the client as:

Sample Name	:	CP-RC
Material and Mark	:	Al6005-T5
Date of Receipt	:	Nov 03, 2015
Testing Start Date	:	Nov 03, 2015
Testing End Date	:	Nov 11, 2015
Test result(s)	:	For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical Services Co. , Ltd Xiamen Branch
Testing Center

Spike Tang
Authorized signatory

Member of the SGS Group (SGS SA)

证书号第5443070号

实用新型专利证书

实用新型名称：太阳能板的导轨卡接装置

发 明 人：钟泉华；谢芳远

专 利 号：ZL 2016 2 0703399.4

专利申请日：2016年07月06日

专 利 权 人：科锐欣（厦门）新能源科技有限公司

授权公告日：2017年01月11日

本实用新型经过本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

本专利的专利权期限为十年，自申请日起算。专利权人应当依照专利法及其实施细则规定缴纳年费。本专利的年费应当在每年07月06日前缴纳。未按照规定缴纳年费的，专利权自应当缴纳年费期满之日起终止。

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局长
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中华人民共和国国家知识产权局

2017年01月11日

证书号第5842480号

实用新型专利证书

实用新型名称：太阳能板支架的支柱纵向调节装置

发 明 人：钟泉华；谢芳远

专 利 号：ZL 2016 2 0689744.3

专利申请日：2016年07月01日

专 利 权 人：科锐欣（厦门）新能源科技有限公司

授权公告日：2017年01月11日

本实用新型经过本局依照中华人民共和国专利法进行初步审查，决定授予专利权，颁发本证书并在专利登记簿上予以登记。专利权自授权公告之日起生效。

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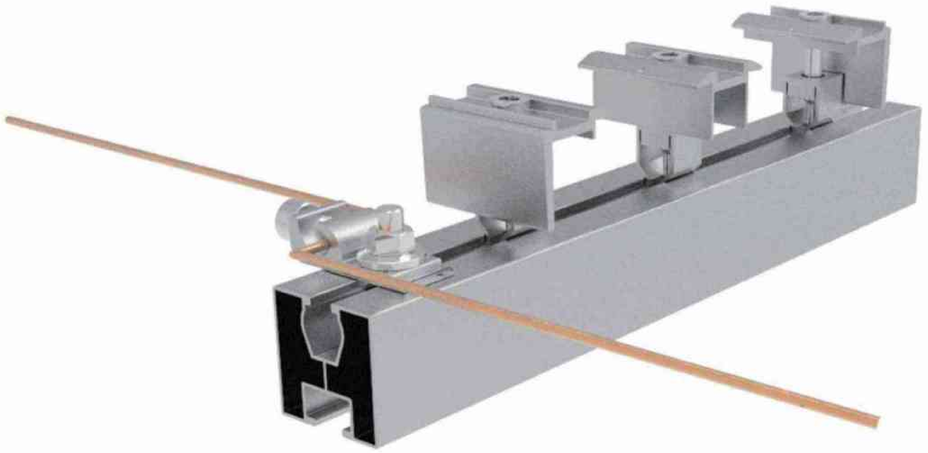
局长
申长雨

中华人民共和国国家知识产权局

2017年01月11日

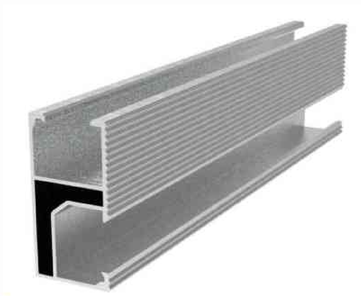
Rails & Accessories

According to different market, different customer requirement, as well as the project budget, we design and produce various types of rails and accessories to meet the customer's projects need. Each product is subjected to rigorous strength.
Customer can also provide the drawing of the product them want, we also provide OEM&ODM service.



1

Item No. SMC001
Description Aluminum Rail



2

Item No. SMC002
Description Aluminum Rail

3

Item No. SMC003
Description Aluminum Rail

4

Item No. SMC004
Description Aluminum Rail

5

Item No. SMC005
Description Aluminum Rail

6

Item No. SMC006
Description Aluminum Rail

7

Item No. SMC007
Description 40*40mm Aluminum Rail

8

Item No. SMC008
Description 40*40mm Aluminum Rail

9

Item No. SMC009
Description H Shape Aluminum Rail

10

Item No. SMC010
Description H Shape Aluminum Rail

11

Item No. SMC011
Description 40*40 Aluminum Rail

12

Item No. SMC012
Description 40*40 Aluminum Rail

Tile Roof Attachment

CORIGY
Create Re-Energy

13

Item No. SMC120
Description Aluminum Rail

14

Item No. SMC121
Description Aluminum Rail

21

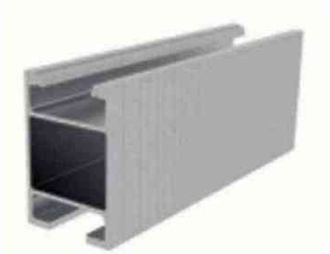
Item No. SMC128
Description Aluminum Rail

22

Item No. SMC129
Description Aluminum Rail

15

Item No. SMC122
Description Aluminum Rail



16

Item No. SMC123
Description Aluminum Rail

23

Item No. SMC130
Description Aluminum Rail

24

Item No. SMC131
Description Aluminum Rail

17

Item No. SMC124
Description Aluminum Rail

18

Item No. SMC125
Description Aluminum Rail

25

Item No. SMC132
Description Aluminum Rail

26

Item No. SMC133
Description C Type Steel

19

Item No. SMC126
Description Aluminum Rail

20

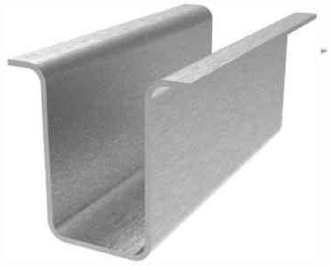
Item No. SMC127
Description Aluminum Rail

27

Item No. SMC134
Description U Shape Steel

28

Item No. SMC135
Description U Shape Steel



Rails & Accessories

CORIGY
Create Re-Energy

29

Item No. SMC020
Description Rail Connector

30

Item No. SMC021
Description Rail Connector

37

Item No. SMC036
Description End Clamp (adjustable)

38

Item No. SMC037
Description Mid Clamp (adjustable)

31

Item No. SMC030
Description End Clamp

32

Item No. SMC031
Description Mid Clamp

39

Item No. SMC038
Description End Clamp (for steel rail)

40

Item No. SMC039
Description Mid Clamp (for steel rail)

33

Item No. SMC032
Description End Clamp

34

Item No. SMC033
Description Mid Clamp

41

Item No. SMC040
Description End Clamp

42

Item No. SMC041
Description Mid Clamp

35

Item No. SMC034
Description End Clamp

36

Item No. SMC035
Description Mid Clamp

43

Item No. SMC042
Description End Clamp (thin film panel)

44

Item No. SMC043
Description Mid Clamp (thin film panel)

Rails & Accessories

CORIGY
Create Re-Energy

45

Item No. SEC01
Description Earthing Lug

46

Item No. SEC02
Description Earthing Plate (Universal)

47

Item No. SEC03
Description Earthing Plate

48

Item No. SEC04
Description Earthing Plate

49

Item No. SEC05
Description Earthing Plate

50

Item No. SEC06
Description Earthing Plate

51

Item No. SEC07
Description Earthing Plate

52

Item No. SEC08
Description Earth Plate

53

Item No. SCC01
Description Cable Clip for 2 Cables

54

Item No. SCC02
Description Cable Clip for 2 Cables

55

Item No. SCC03
Description Cable Clip for 2 Cables

56

Item No. SCC04
Description Cable Clip for 3 Cables

57

Item No. SCC05
Description Cable Clip for 3 Cables

58

Item No. SCC06
Description Cable Clip for 3 Cables

59

Item No. SCC07
Description Cable Clip for 4 Cables

60

Item No. SCC08
Description Cable Tie with Cable Clip

Rails & Accessories

CORIGY
Create Re-Energy

61

Item No. SMC044
Description Screw

62

Item No. SMC045
Description Nut & Hexagonal Screw

69

Item No. SMC052
Description Mid Clamp

70

Item No. SMC053
Description Universal End Clamp

63

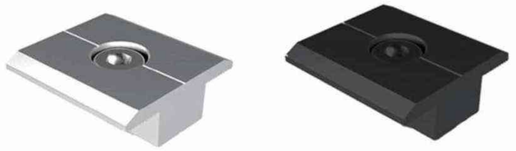
Item No. SMC046
Description Nut & T Bolt

64

Item No. SMC047
Description Nut

71

Item No. SMC054
Description Mid Clamp Head



72

Item No. SMC055
Description Mid Clamp Head (with grounding pin)

65

Item No. SMC048
Description Nut

66

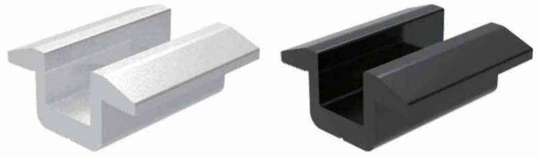
Item No. SMC049
Description Nut

73

Item No. SMC056
Description End Clamp Head

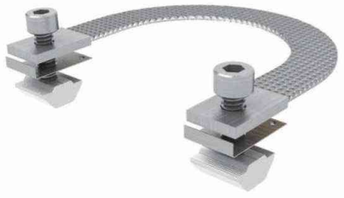
74

Item No. SMC057
Description Mid Clamp Head



67

Item No. SMC050
Description Bonding Jumper



68

Item No. SMC051
Description Rail Clamp

75

Item No. SMC058
Description Rail End Cover Cap

76

Item No. SMC059
Description Solar Panel Water Drain Clip

Rails & Accessories

CORIGY
Create Re-Energy

77

Item No. SMC140
Description In-Hex Bolt

78

Item No. SMC141
Description Hexagon Bolt

85

Item No. SMC148
Description Carriage Bolt

86

Item No. SMC149
Description Grub Screw

79

Item No. SMC142
Description Self-Tapping Screw

80

Item No. SMC143
Description Wooden Screw

87

Item No. SMC150
Description Pipe Nut

88

Item No. SMC151
Description Flanged Hex Nut

81

Item No. SMC144
Description Security Bolt

82

Item No. SMC145
Description T Shape Bolt

89

Item No. SMC152
Description Flat Square Nut

90

Item No. SMC153
Description Flat Washer

83

Item No. SMC146
Description Expension Bolt

84

Item No. SMC147
Description Phillips Screw

91

Item No. SMC154
Description Spring Washers

92

Item No. SMC155
Description Disc Washer

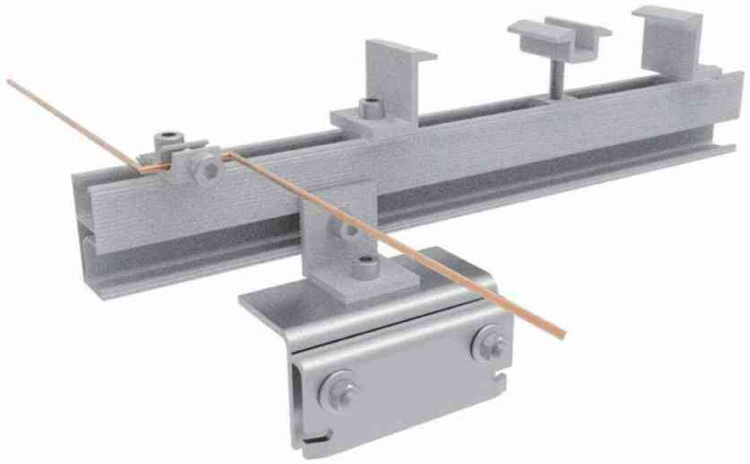
Metal Roof Attachment

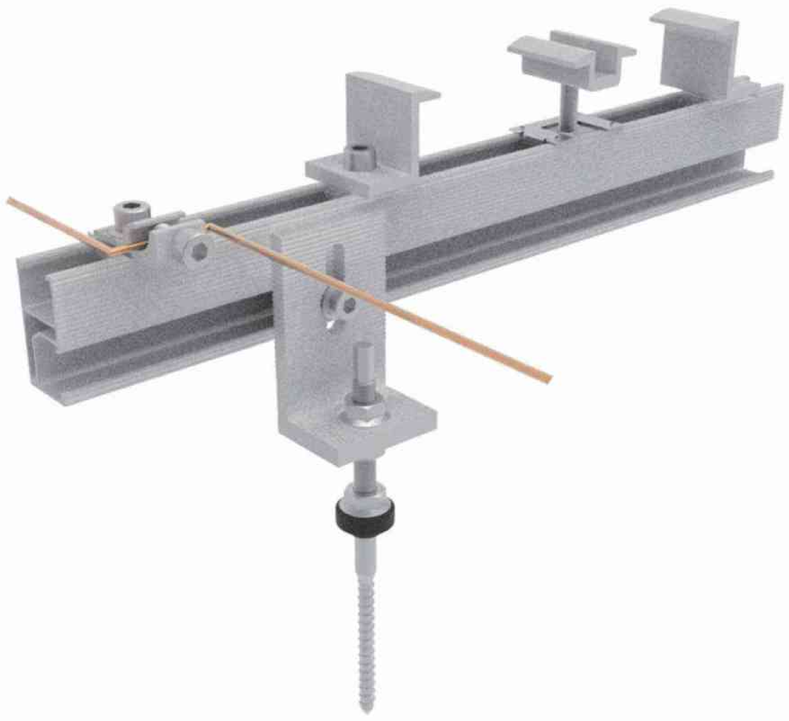
CORIGY metal roof system divided into two fixing methods.

1. Drilling solutions, like L-feet, hanger bolt, mini rail etc.
2. No-penetration solution, like standing seam clamp and kilp lok clamp.

A design that includes major specifications to save your inventory cost. It's quick and easy to install. The innovation design of rail connect base- support can effectively increase the product strength, and ensure the safety of the product use.

CORIGY has a large variety of metal roof brackets for customers' choice. Customization is allowed according to customers' need to meet special installation requirements





CORIGY
Create Re-Energy

1

Item No.	MRC01
Description	L foot with screw

2

Item No.	MRC02
Description	L foot with hanger bolt

3

Item No.	MRC03
Description	Mini Rail

4

Item No.	MRC04
Description	Mini Rail

5

Item No.	MRC05
Description	Mini Rail

6

Item No.	MRC06
Description	Mini Rail

7

Item No.	MRC07
Description	Stainless Steel Clamp

8

Item No.	MRC08
Description	Stainless Steel Clamp

Metal Roof Attachment

CORIGY
Create Re-Energy

9

Item No. MRC09
Description Stainless Steel Clamp

10

Item No. MRC10
Description Stainless Steel Clamp

17

Item No. MRC17
Description Klip Lok Clamp

18

Item No. MRC18
Description Klip Lok Clamp

11

Item No. MRC11
Description Stainless Steel Clamp

12

Item No. MRC12
Description Standing Seam Clamp

19

Item No. MRC19
Description Klip Lok Clamp

20

Item No. MRC20
Description Klip Lok Clamp

13

Item No. MRC13
Description Standing Seam Clamp

14

Item No. MRC14
Description Standing Seam Clamp

21

Item No. MRC21
Description Klip Lok Clamp

22

Item No. MRC22
Description Klip Lok Clamp

15

Item No. MRC15
Description Standing Seam Clamp

16

Item No. MRC16
Description Standing Seam Clamp

23

Item No. MRC23
Description Klip Lok Clamp

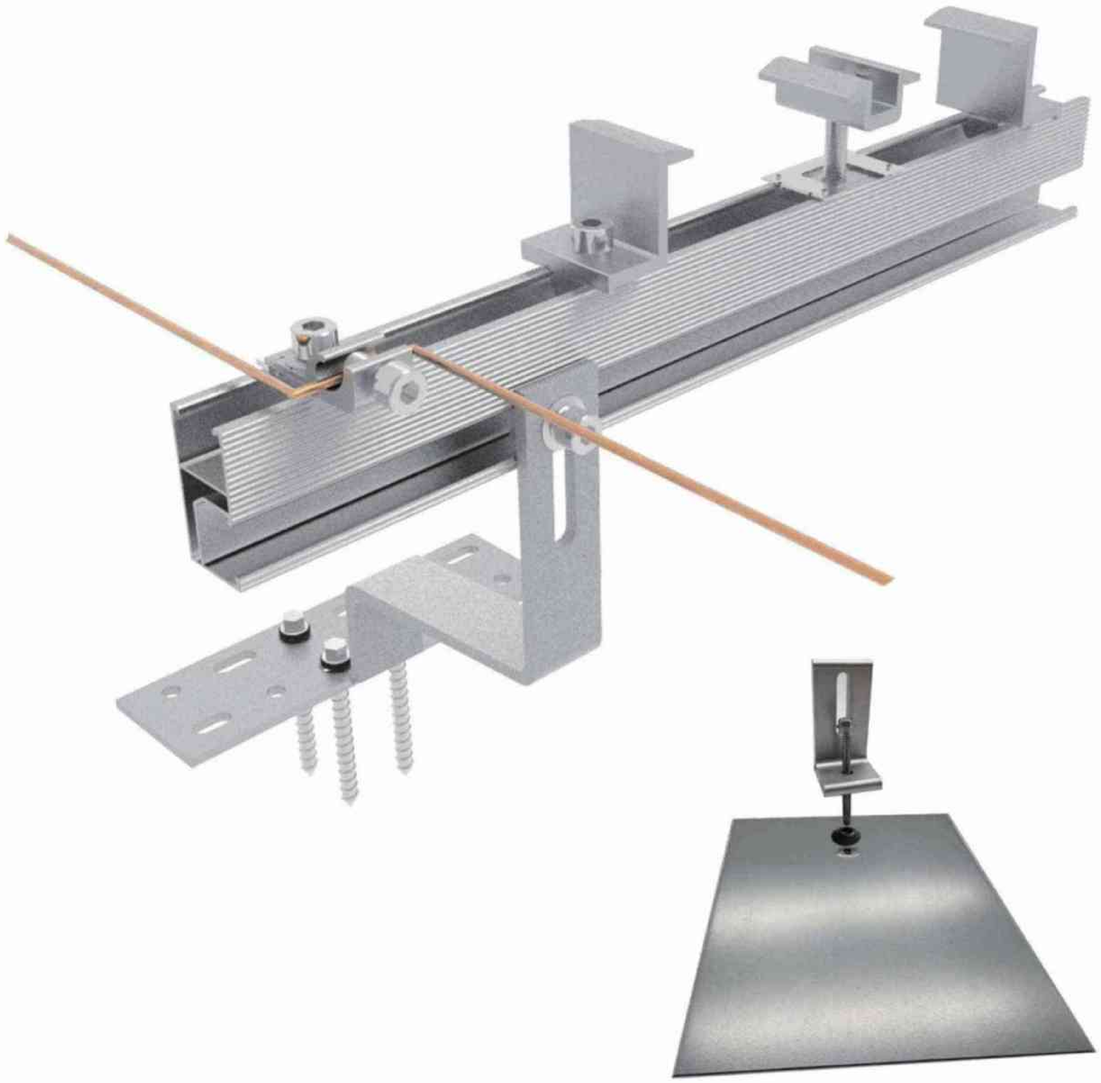
24

Item No. MRC24
Description Klip Lok Clamp

Tile Roof Attachment

CORIGY has many types of tile roof hooks, suitable for most roof types of tile, flat tile, slate tile, asphalt shingle tile, etc.

A design that includes major specifications to save your inventory cost. It's quick and easy to install. The innovation design of rail connect base- support can effectively increase the product strength, and ensure the safety of the product use.
CORIGY has a large variety of metal roof brackets for customers' choice. Customization is allowed according to customers' need to meet special installation requirements



CORIGY
Create Re-Energy

1

Item No.	TRH01
Description	L foot with waterproof plate

2

Item No.	TRH02
Description	Stainless Steel Hook

3

Item No.	TRH03
Description	Stainless Steel Hook

4

Item No.	TRH04
Description	Stainless Steel Hook

New
Aluminum Material

5

Item No.	TRH05
Description	Aluminum Hook

6

Item No.	TRH06
Description	Stainless Steel Hook

7

Item No.	TRH07
Description	Stainless Steel Hook

8

Item No.	TRH08
Description	Stainless Steel Hook

Tile Roof Attachment

CORIGY
Create Re-Energy

9

Item No. TRH09
Description Stainless Steel Hook

10

Item No. TRH10
Description Stainless Steel Hook

11

Item No. TRH11
Description Stainless Steel Hook

12

Item No. TRH12
Description Stainless Steel Hook

13

Item No. TRH13
Description Stainless Steel Hook

14

Item No. TRH14
Description Stainless Steel Hook

15

Item No. TRH15
Description Stainless Steel Hook

16

Item No. TRH16
Description Stainless Steel Hook

17

Item No. TRH17
Description Stainless Steel Hook

18

Item No. TRH18
Description Stainless Steel Hook

19

Item No. TRH19
Description Stainless Steel Hook

20

Item No. TRH20
Description Stainless Steel Hook

21

Item No. TRH21
Description Stainless Steel Hook

22

Item No. TRH22
Description Stainless Steel Hook

23

Item No. TRH23
Description Stainless Steel Hook

24

Item No. TRH24
Description Stainless Steel Hook

BSM01, BSM02,BSM03,BSM04
Balcony Solar Panel Mounting

CORIGY
Create Re-Energy

1 BSM01

This type is design for square handrail
You only need to change the screw to
fit hand rail in different diameter.
(One more hook can be added for inverter)

2 BSM02

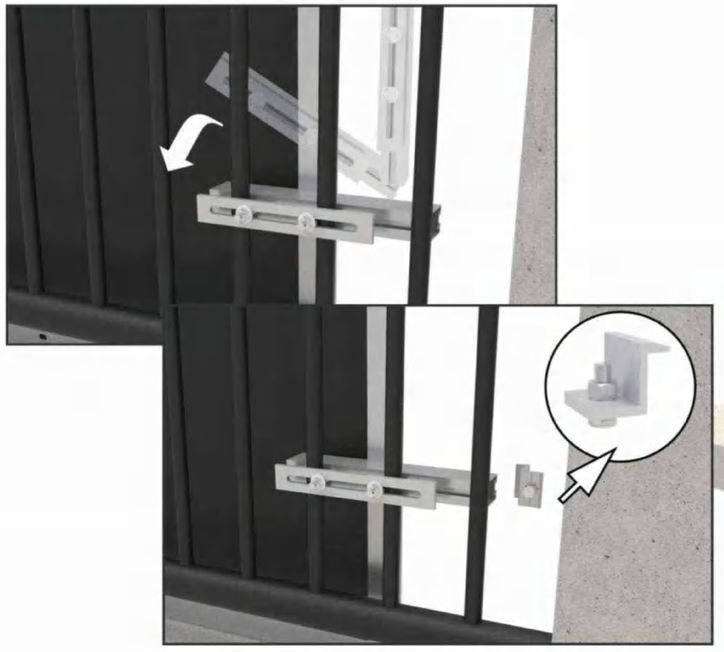
This type is design for round handrail
You only need to change the screw to
fit hand rail in different diameter.
(One more hook can be added for inverter)

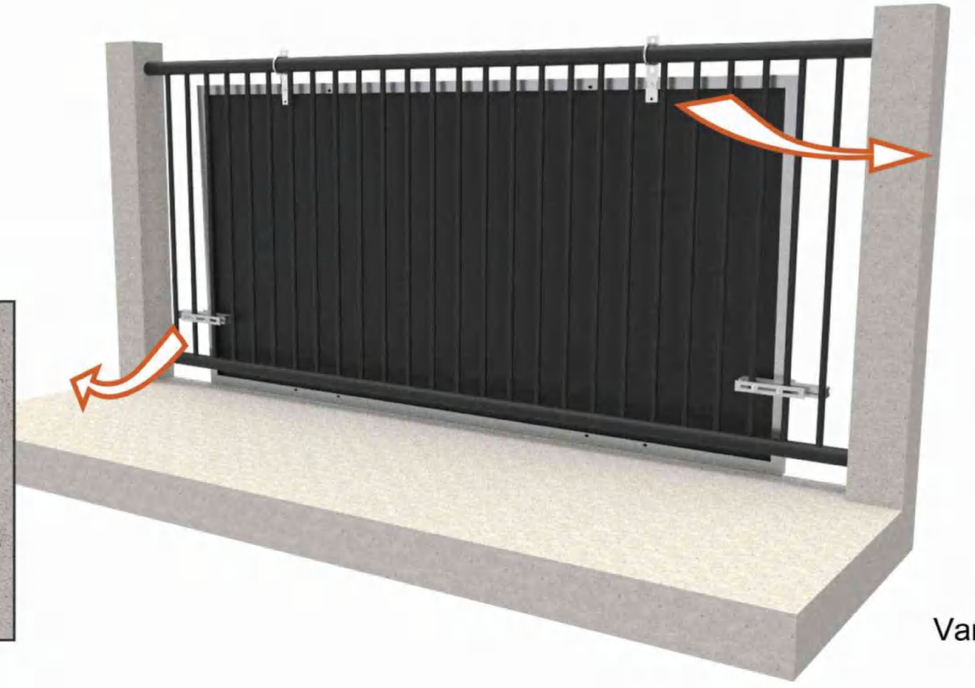
3 BSM03

This type is design for round handrail
Size of the hook can be customized
to fit hand rail in different size
(One more hook can be added for inverter)

4 BSM04

This type is design for square handrail
Size of the hook can be customized
to fit hand rail in different size
(One more hook can be added for inverter)





Various types of hooks to meet different needs

BSM05,BSM06
Balcony Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: BSM05

Size of the hook can be customized to fit hand rail in different size

1 Name | Hooks

2 Name | Adjustable Arms

3 Name | Rails

4 Name | Lock Plates

Item No.: BSM06

Size of the hook can be customized to fit hand rail in different size

1 Name | Hooks

2 Name | Connect Foots 1

3 Name | Connect Foots 2

4 Name | Adjustable Arms

5 Name | Rails

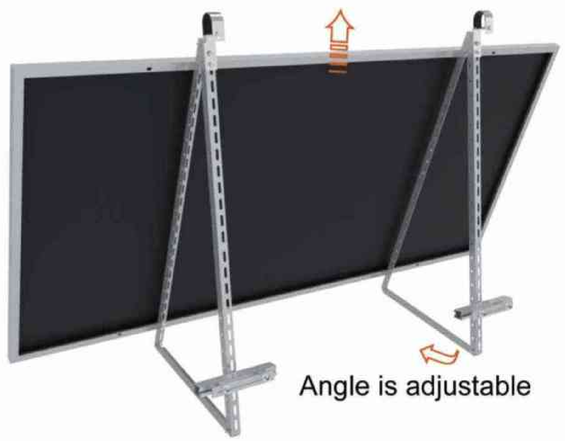
6 Name | Lock Plates

BSM07,BSM08
Balcony Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: BSM07 (Suitable for balcony and wall solar panel mounting)

Can change to square hooks to fit square handrail

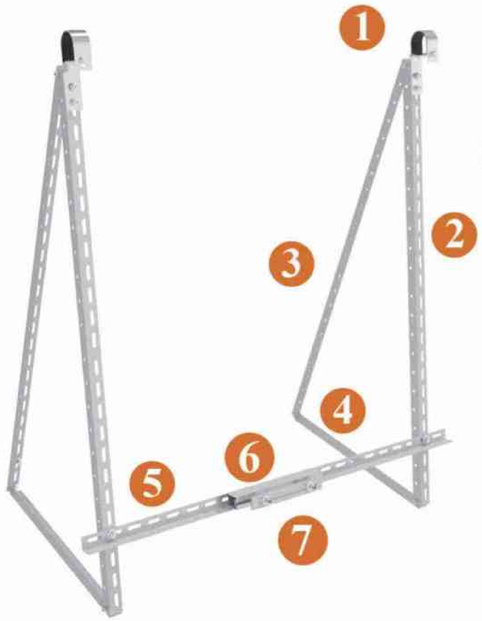


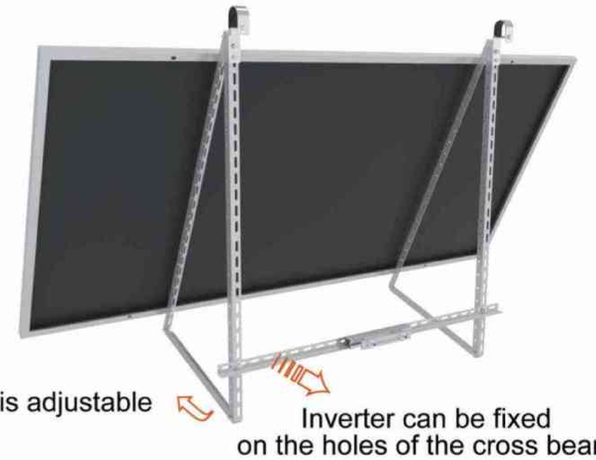
1	Name: Hooks	2	Name: Vertical Rails	3	Name: Sloped Beams

4	Name: Aluminum Angle	5	Name: Short Rails	6	Name: Lock Plates

Item No.: BSM08 (Suitable for balcony and wall solar panel mounting)

Can change to square hooks to fit square handrail





1	Name: Hooks	2	Name: Vertical Rails	3	Name: Sloped Beams

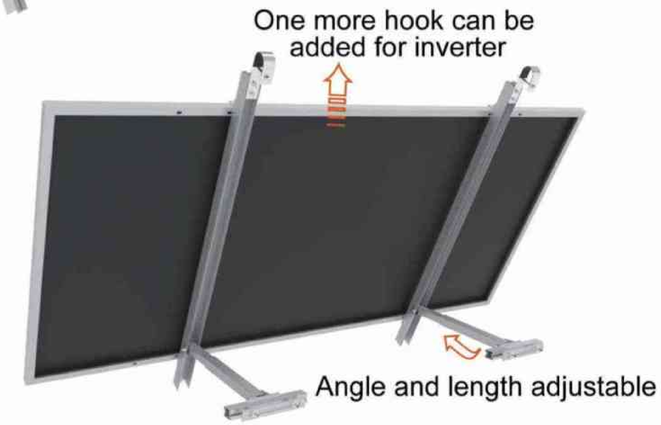
4	Name: Aluminum Angle	5	Name: Cross Beam	6	Name: Short Rails	7	Name: Lock Plates

BSM09,BSM10
Balcony Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: BSM09

Can change to square hooks to fit square handrail



1 Name: Hooks	2 Name: Pre-Assemble Parts	3 Name: End Clamps
4 Name: Basement	5 Name: Short Rails	6 Name: Lock Plates

Item No.: BSM10 (Suitable for balcony, roof and wall solar panel mounting)

Can change to square hooks to fit square handrail

1 Name: Hooks	2 Name: Pre-Assemble Parts	3 Name: Vertical Rails	
4 Name: Cross Beam	5 Name: Short Rails	6 Name: Lock Plates	7 Name: End Clamps

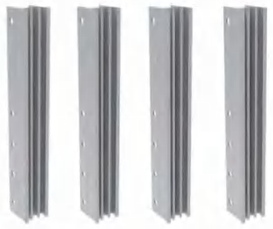
BSM11
Balcony Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: BSM11

Can change to square hooks to fit square handrail

1	Name	Hooks	2	Name	Vertical Rails (Middle)
3	Name	Vertical Rails (Upside and Downside)			
4	Name	Connecting Foot	5	Name	Adjustable Arms
6	Name	Lock Plates			



BSM012
Wall Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: BSM12

1 Connect Foots 1

Fix on the panel

2 Connect Foots 2

Fix on the wall

3 Adjustable Arms

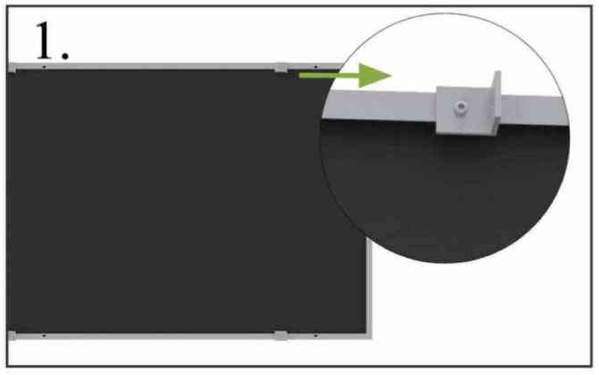
Connect the panel and basement

4 Basements

Fix the adjustable arms on the wall

5 Installation Guide

1. Install the connect foot1 on the panel
2. Install the connect foot2 and adjustable arms on the wall
3. Fix the panel on the connect foot and adjustable arms



SMC100
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: SMC100

1 Extension Brackets

Adjust the height

2 Foot Brackets

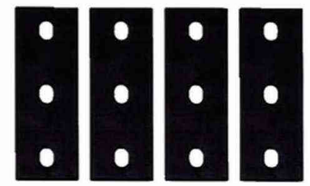
Adjust the angle

3 Screws

Fix the bracket on the surface

4 Rubber Pads

Waterproof rubber pads



5 Installation Guide

1. Install the foot brackets on the frame of the panel
2. Adjust the extension brackets to the length that you want
3. Fix the extension brackets on the panel
4. Stick the rubber pads on the bracket and fix the brackets on the surface with the screws.

1.

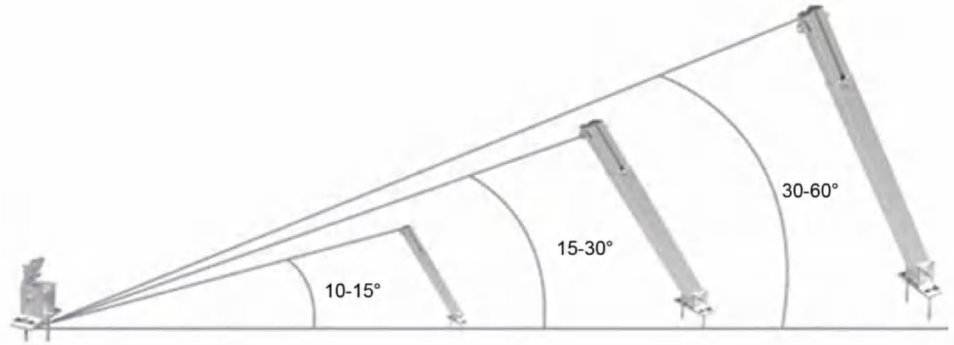
2.

3.

4.

SMC100
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy



The angles can be adjusted

Technical Sheet

Materials	Aluminum 60055-T5 & Stainless Steel 304
Adjust Angles Range	1. From 10 Degrees to 15 Degrees 2. From 15 Degrees to 30 Degrees 3. From 30 Degrees to 60 Degrees
Packing Size	555*120*85mm
Gross Weight	2kg per set
Installation Place	RV, Metal Rooftop, Concrete Flat Rooftop and other Flat Surface
Warranty Years	10 Years

Product Feature

1. Angle adjustable: When the seasons change, adjust the angle properly to ensure the panels are face to the direct which can receive most sunshine and improve the efficiency of the panels of power generation.
2. Anti-corrosive and durable: Made of aluminum alloy AL6005-T5, lightweight, large bearing capacity, strong corrosion resistance, suitable for all environments.
3. Strong compatibility: panels of different specifications can be applied, and are compatible with different layout of panels.
4. Reliable quality: the structure fully takes into account the bearing, wind resistance, seismic and other factors, and through strict calculation and testing, to ensure a reliable installation.
5. Easy installation: most parts can be pre-installed in the factory, and the on-site installation process is less, which effectively improves the on-site installation efficiency and saves time for the construction of photovoltaic projects

Suitable for multiple place

SMC101, SMC102, SMC103, SMC104
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: SMC101,SMC102,SMC103,SMC104

1 Extension Brackets

Adjust the height

3 Screws

Fix the brackets

2 Foot Brackets

Adjust the angle

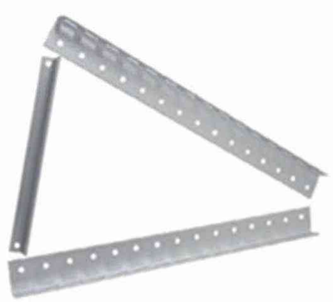
4 Screws & Nuts

Fix the panel

5 Installation Guide

1. Adjust the support legs as perfect angle for your solar panel
2. Fasten the rails to the legs with the included bolts
3. Securely fasten the mounting feet to the desired surface.

1.



2.

3.

4.

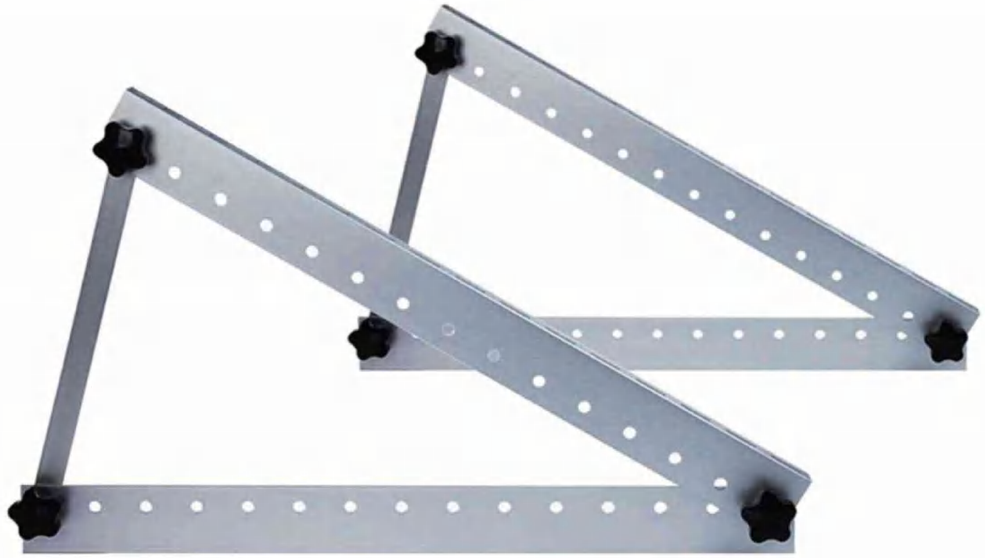
SMC101, SMC102, SMC103, SMC104
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

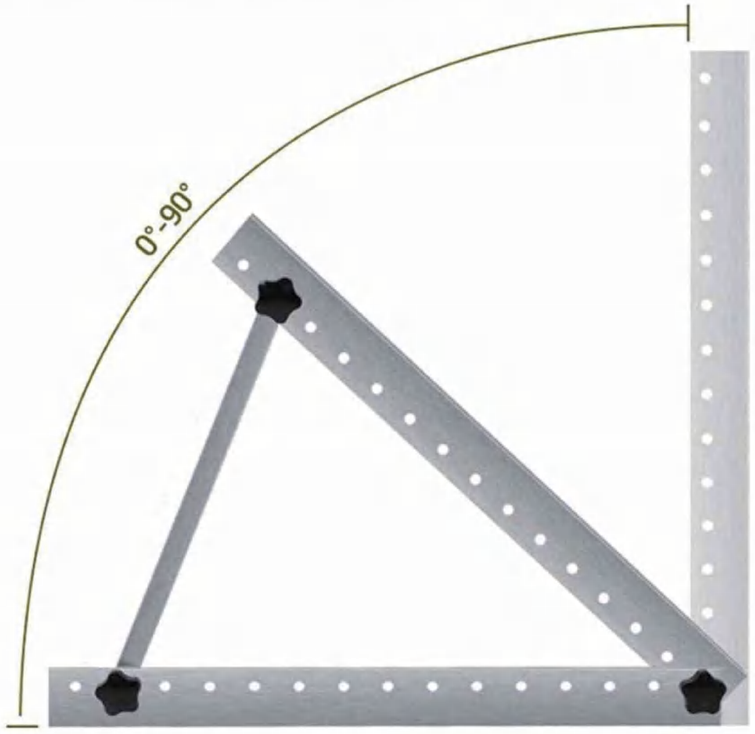
Technical Sheet		
Materials		Aluminum 6005-T5 & Stainless Steel 304
Dimensions	SMC101	22 Inches Mounting Rails: 556 mm, Tile Angle Brackets: 290mm
	SMC102	28 Inches Mounting Rails: 712 mm, Tile Angle Brackets: 375mm
	SMC103	41 Inches Mounting Rails: 1040 mm, Tile Angle Brackets: 545 mm
	SMC104	45 Inches Mounting Rails: 1140 mm, Tile Angle Brackets: 545 mm
Packing Size	SMC101	74*27*17mm
	SMC102	81*70*65mm
	SMC103	114*70*65mm
	SMC104	124*70*65mm
Gross Weight	SMC101	1.49kg per set
	SMC102	1.81kg per set
	SMC103	2.04kg per set
	SMC104	2.2kg per set
Installation Place		Rv, yacht, balcony, roof, wall and ground, etc

Product Feature

1. Light product quality and easy installation
2. Widely used. Can be used in RV, yacht, balcony, roof, wall and ground, etc.
3. Strong practical and can be compatible with various specifications of solar panels.
   Our solar portable adjustable triangle aluminum alloy bracket has three standard sizes, suitable for installation of poly crystal or single crystal photovoltaic modules.
4. All fasteners are made of stainless steel SUS304 material, which is safe and beautiful and has high strength corrosion resistance.



Suitable to install on: RV, Wall and any flat surface



The angles can be adjusted from 0 degrees to 90 degrees

SMC105, SMC106, SMC107, SMC108
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: SMC105,SMC106,SMC107,SMC108

1

2

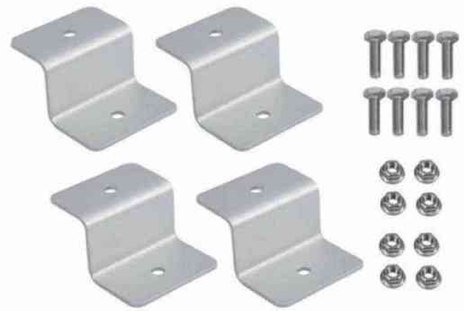
3

4

1 Item No.
SMC105

2 Item No.
SMC106

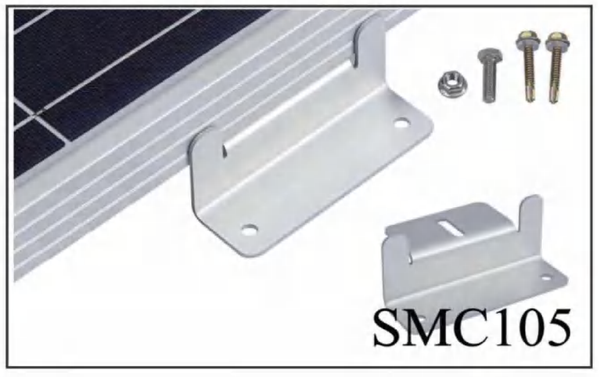
3 Item No.
SMC107

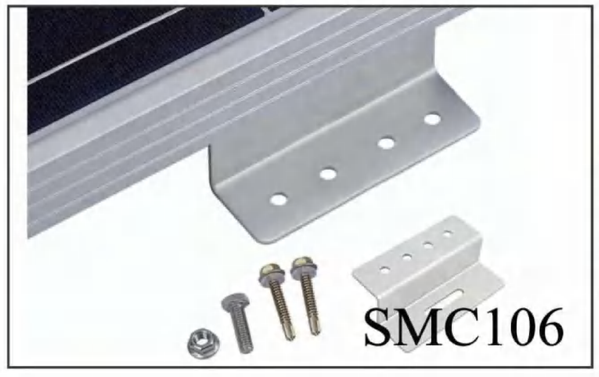


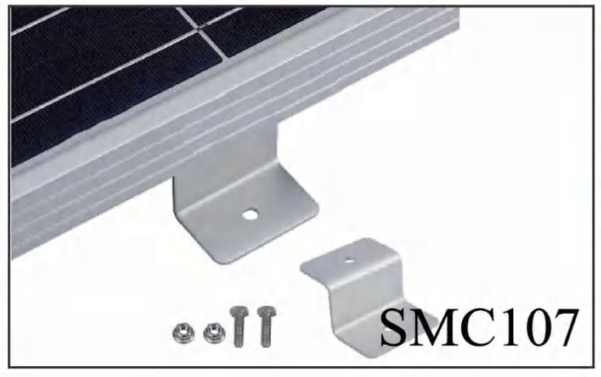
4 Item No.
SMC108

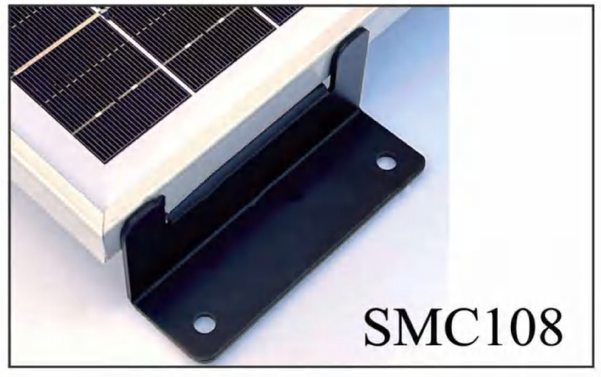
5 Installation Guide

1.Fix the Z Bracket on the panels
2.Install the bracket on the surface with the screws









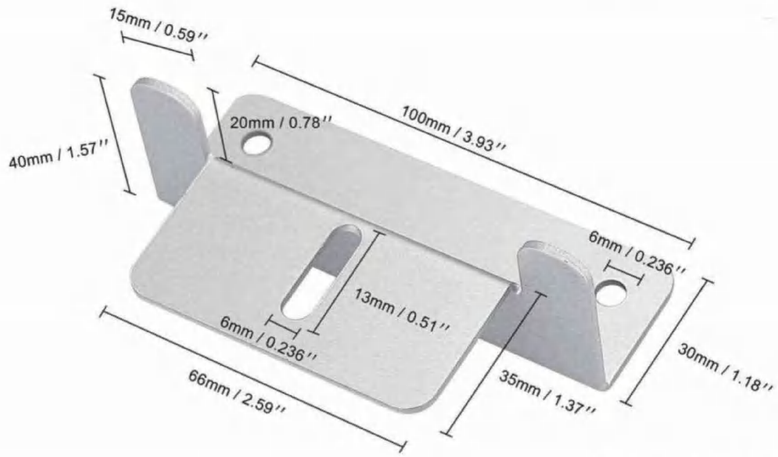
SMC105, SMC106, SMC107, SMC108
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

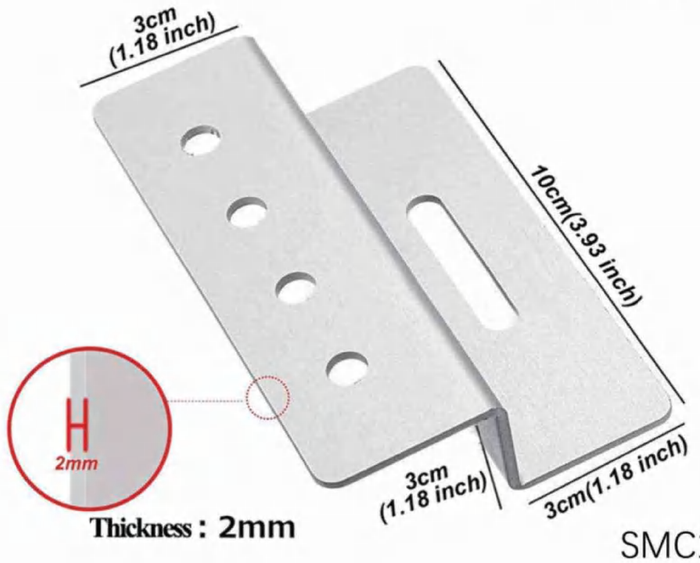
Technical Sheet		
Materials		Aluminum 6005-T5 & Stainless Steel 304
Surface Treatment		Clear Anodized/ Black Anodized
Dimensions	SMC105, SMC108	60*100*40mm
	SMC106	100X60X30mm
	SMC107	60X50X30mm
Components	SMC105, SMC108	Z Bracket x4, M6X20 Screw x4, Nut x4 Spring Washer x4, Flat Washer x4 Slef-tapping Screw x8
	SMC106	Z Bracket x4, M6X20 Screw x4, Nut x4 Spring Washer x4, Flat Washer x4 Slef-tapping Screw x16
	SMC107	Z Bracket x4, M6X20 Screw x8, Flange Nut x8
Packing Size	SMC105, SMC108	100set per carton 54*22*22cm
	SMC106	100set per carton 54*22*22cm
	SMC107	100set per carton 36*19*24cm
Gross Weight	SMC105, SMC108	0.26kg per set
	SMC106	0.3kg per set
	SMC107	0.18kg per set
Installation Place		RV yacht, roof, wall, etc

Product Feature

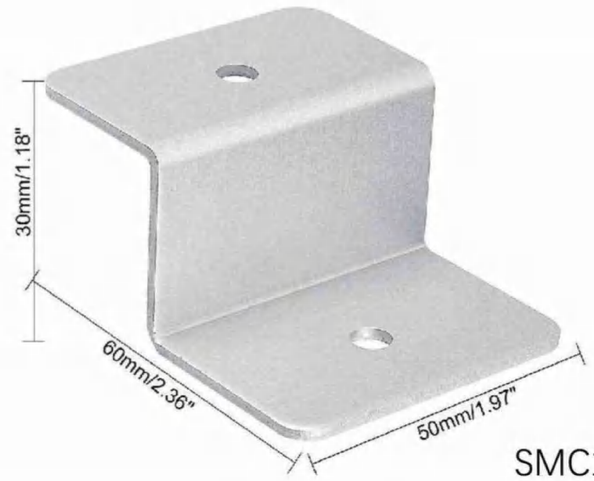
International general style, widely used in RV, yacht and roof and other photovoltaic power generation system. This series of products have beautiful appearance, light weight, separate packaging, convenient transportation and easy installation. All fasteners are made of stainless steel SUS304



SMC105,SMC108



SMC106



SMC107

SMC109, SMC110, SMC111, SMC112, SMC113
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: SMC109,SMC110,SMC111,SMC112,SMC113

1 2 3 4

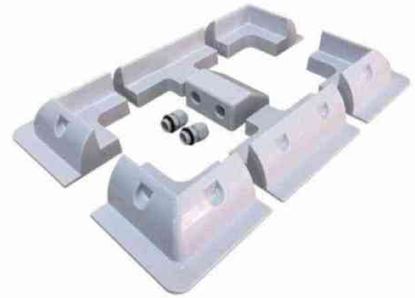
5

1 Item No.
SMC109

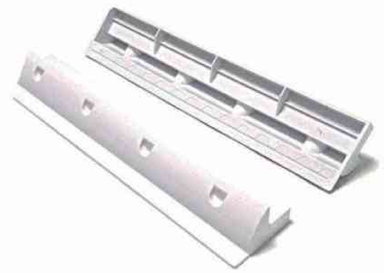
2 Item No.
SMC110

3 Item No.
SMC111

4 Item No.
SMC112



5 Item No.
SMC113



6 Installation Guide

1.Drill the brackets. Then insert the bolts and fit nuts to secure.
2.Set right position and mark around corners.
3.User silicon adhesive to fill the feet borders
4. Turn the panele back over to the mark and fix it.

1.

2.

3.

4.

SMC109, SMC110, SMC111, SMC112, SMC113
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Technical Sheet		
Materials		Anti-UV ABS Plastic
Color		Black/White
Components	SMC109	Cornet mount x4
	SMC110	Cornet mount x4, Cable entry glant x1
	SMC111	Cornet mount x4, Side mount x2
	SMC112	Cornet mount x4, Side mount x2, Cable entry glant x1
	SMC113	Long side mount x2
Weight / Packing Size	SMC109	0.8kg per set 15 sets per 51*50*36cm carton
	SMC110	0.95kg per set 15 sets per 51*50*36cm carton
	SMC111	1.1kg per set 10 sets per 55*50*36cm carton
	SMC112	1.25kg per set 10 sets per 55*50*36cm carton
	SMC113	1.2kg per set 16*71*8cm per set
Recommend Adhesive		Sikaflex -252
Installation Place		RV, camper, yacht, roof, cement roof etc

Product Feature

1. Drill-free solar panel mounting. Design for virtually any aluminum framed solar panels.
2. 100% recyclable and UV resistant. Non-corrosive, long lasting, and high quality ABS plastic construction.
3. Best suitable for any flat building surfaces of aluminum, wood or GRR materials.
4. Easier and more flexible installation with no potential.

Choose the components according to the installation demand

Mounting along the side

SMC114, SMC115
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: SMC114,SMC115

1 Item No.
SMC114

2 Item No.
SMC115

3 Installation Guide

1. Set the brackets on the right position.
2. Fill the stones on the brackets.
3.Fix the panels on the bracket by clamps.

1.

2.

3.

4.

SMC114, SMC115
Easy Installation Solar Panel Mounting

CORIGY
Create Re-Energy

Technical Sheet		
Materials		PP
Installation Angle		18 Degrees
Components	SMC114	Ballast x1, Screw x6, Aluminum End Clamp x6, (or Aluminum End Clamp x4, Aluminum mid Clamp x2)
	SMC115	Ballast x1, Plastic Clamp x4, Screw x4
Dimensions	SMC114	1060*1400*2200mm
	SMC115	1024*660*427mm
Weight	SMC114	7.5kg
	SMC115	4.2kg
Suitable Panel Size	SMC114	Panel thickness 35mm or 40mm
	SMC115	Panel width within 990-992mm Thickness 35mm or 40mm
Installation Direction	SMC114	Panels vertical install
	SMC115	Panels landscape install
Recommend Filling Stuff Weight		Filling 70kg stone can withstand 32.7 ~ 36.9m/s wind speed
Installation Place		Flat cement roof or Ground

Product Feature

1. Do not need to drill holes or damage the surface.while installation.

2 The product has added anti UV agent. It's durable for use.

3. The product is filled with sand and fixed. Convenient installation and beautiful appearance.

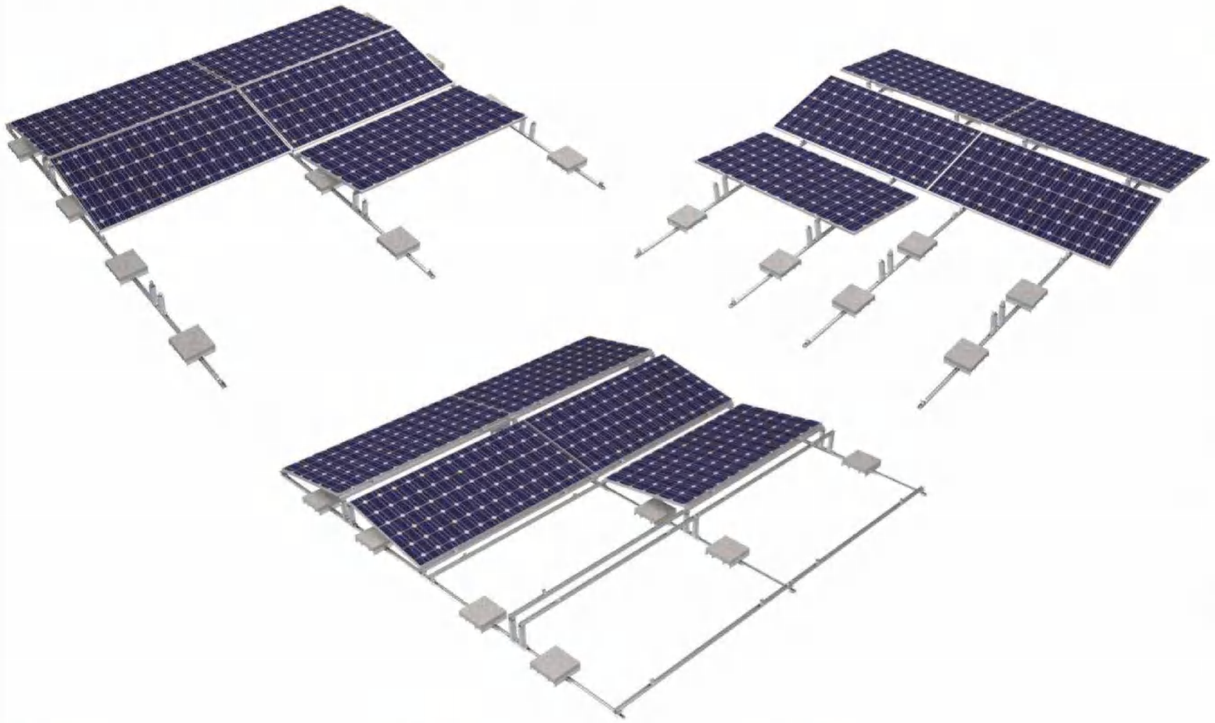
SMC 114
Fix the panel by aluminum clamp.
Panels quantity per row +1 = quantity of bracket needed

SMC115
Fix the panel by plastic clamp.
Panels quantity per row +1 = quantity of bracket needed

FRM01,FRM02,FRM03
Flat Roof Ballast Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: FRM01,FRM02,FRM03



1 Name | Middle Clamps

2 Name | End Clamps

3 Name | Front Legs

4 Name | Rear Legs

5 Name | Ballast Rails

6 Name | Rails

7 Name | Rail Connectors

8 Name | Ballast Trays

9 Name | WindShield (optional)

Technical Sheet

Product Name	10 Degrees Flat Roof Ballast
Item No.	FRM01, FRM02,FRM03
System Materials	Aluminum 60055-T5
Fastener Materials	Stainless Steel 304
Flinish	Anodized
Install Angle	10 Degrees
Module Orientation	Landscape
Installation Place	Concrete Flat Rooftop
Warranty Years	10 Years

Product Feature

1. 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.

2. A combination of high quality aluminum components make a robust, reliable system and quick and easy installation.

3. Unlike the traditional end clamp and mid clamp, the nut is fix the clamp which is more easy and safety to fix the panels.

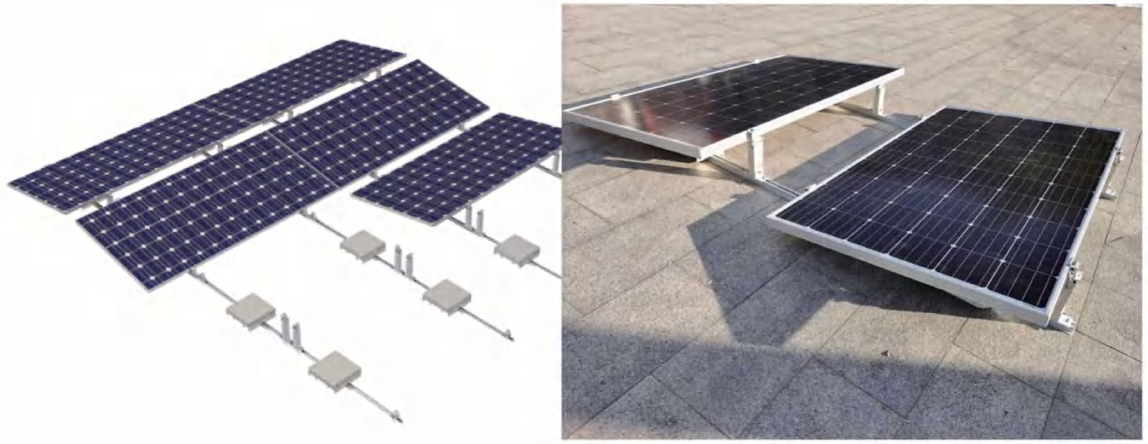
4. Various installation methods, suitable for any specifications of the panel.

5. Maximized roof space utilized to ensure better panel output.

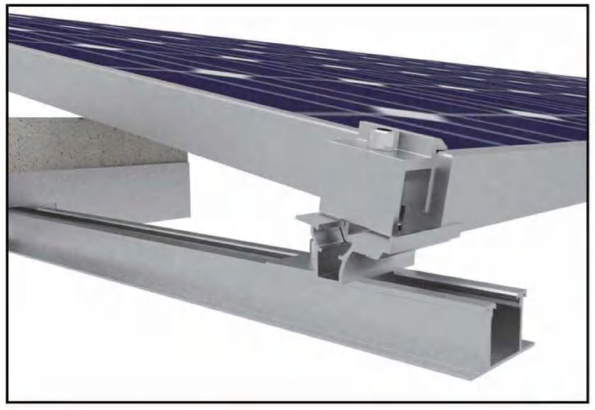
6. East-west facing panels have a greater effect on resisting wind loads.

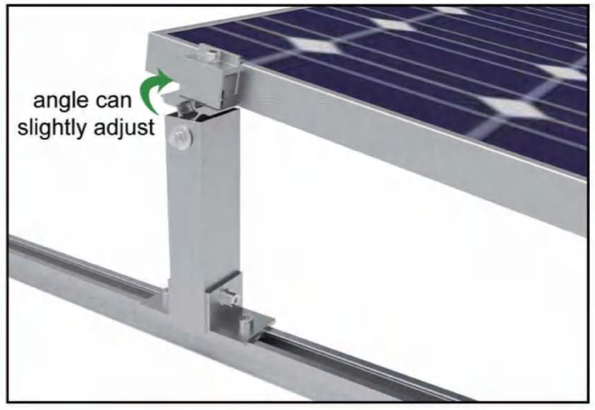
FRM01,FRM02
Flat Roof Ballast Solar Panel Mounting

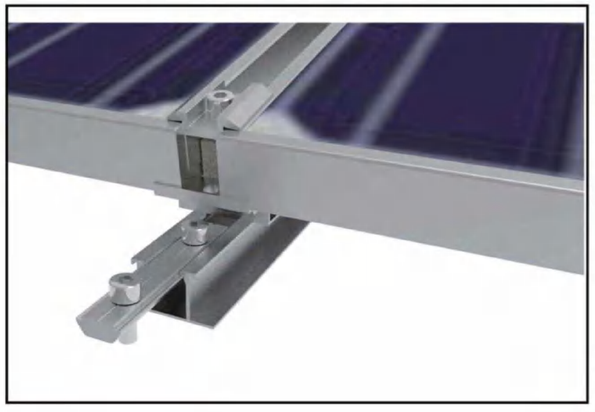
FRM01
Suitable for small dimension panels

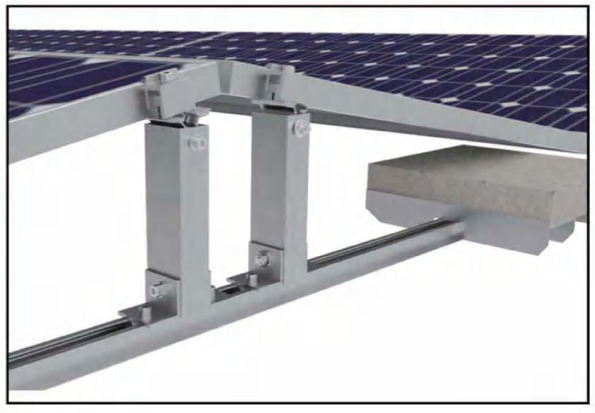


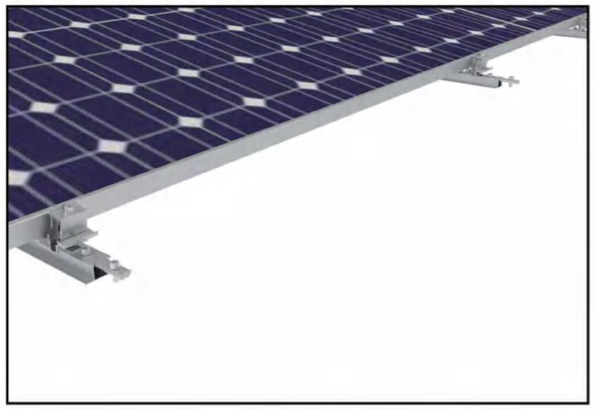
FRM02
Suitable for large dimension panels

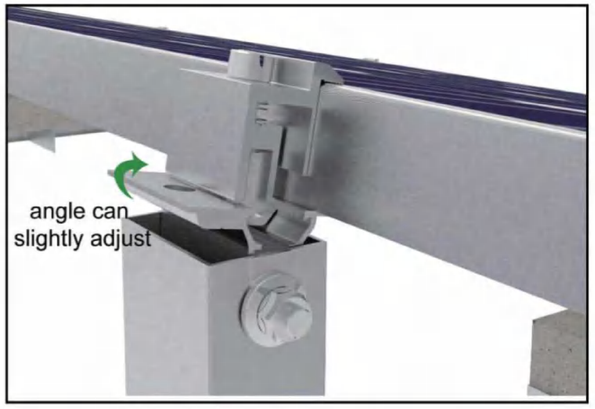


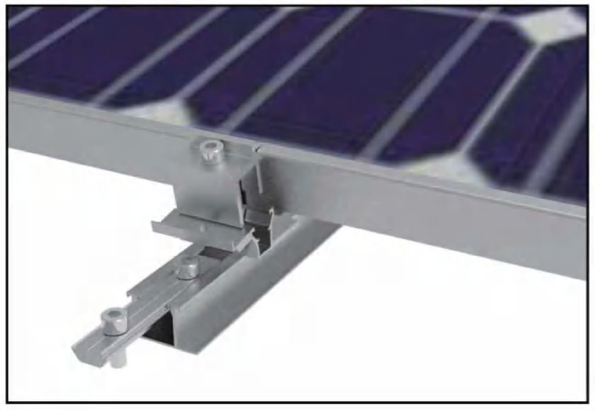


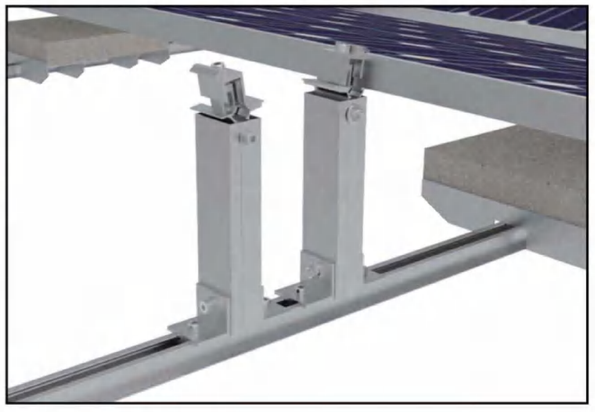






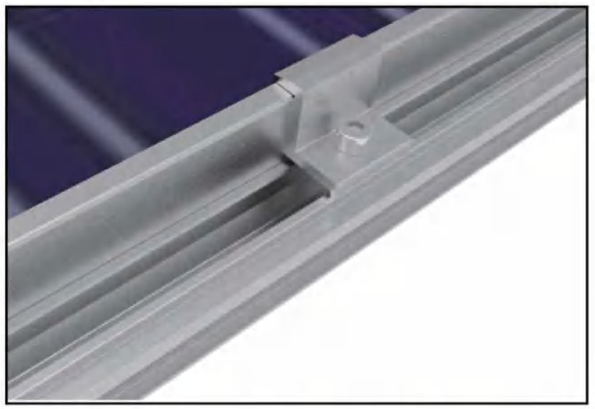


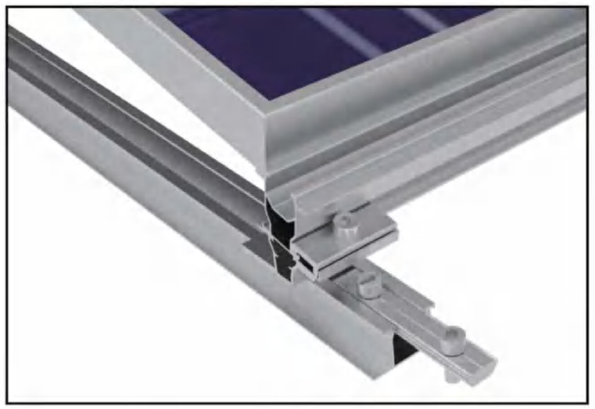




FRM03
Flat Roof Ballast Solar Panel Mounting

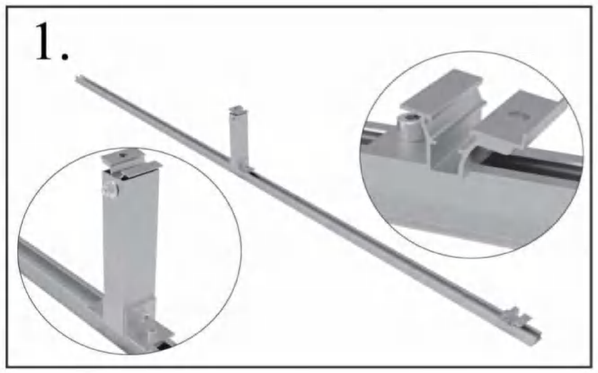
FRM03
Suitable for large dimension panels

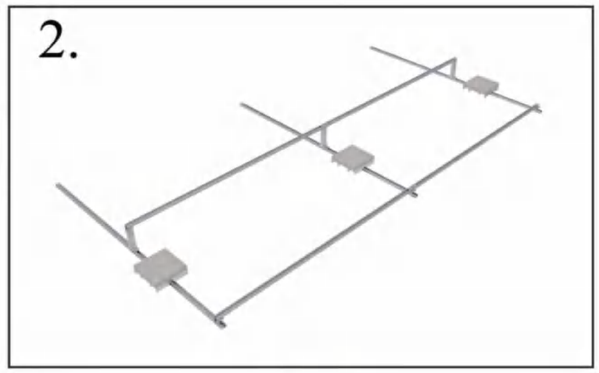


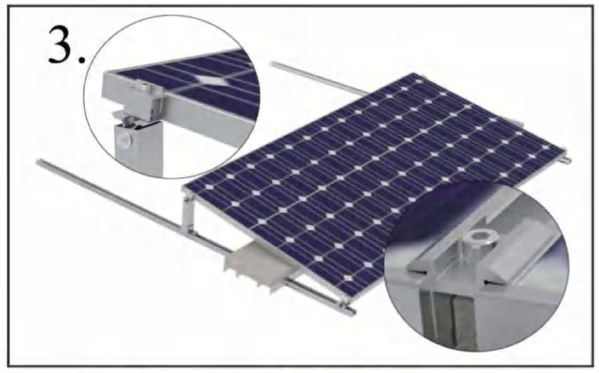


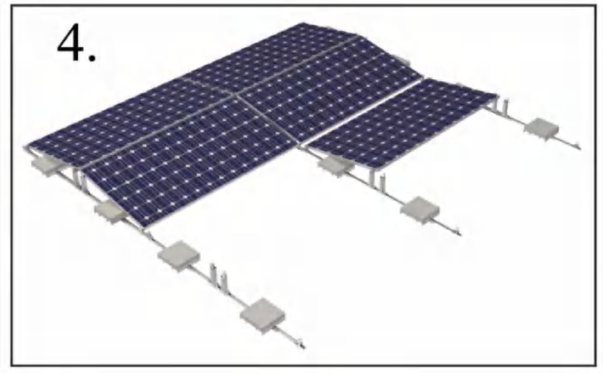
Installation Way

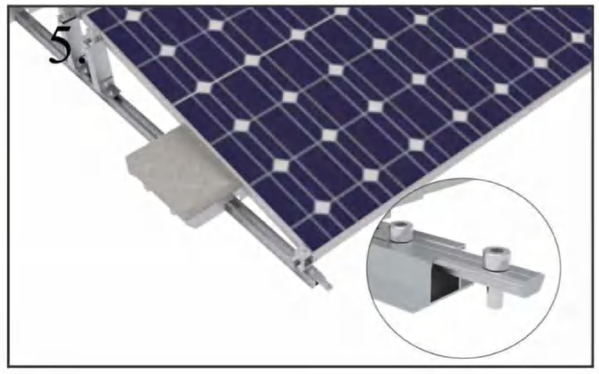
1. Fix the rear legs and front leg on the ballast rails
2. Place the ballast trays on the ballast rails.
   And place the concrete blocks on the ballast trays. FRM03 need to install the rail
3. Fix the panel on the rear legs and front legs with middle/end clamps
4. Install the other side for east-west design
5. Install the rail connectors on the ballast rails to connect with other arrays











FRM01,FRM02,FRM03
Flat Roof Ballast Solar Panel Mounting

FRM01
One array east-west 10 degrees for concrete roof

FRM01
More arrays east-west 10 degrees for concrete roof

FRM02
One array east-west 10 degrees for concrete roof

FRM02
More arrays east-west 10 degrees for concrete roof

FRM03
One array east-west 10 degrees for concrete roof

FRM03
More array east-west 10 degrees for concrete roof

FRM04,FRM05
Flat Roof Ballast Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: FRM04,FRM05

1 Name Middle Clamps

2 Name End Clamps

3 Name Front Leg Bases

4 Name Rear Leg Base

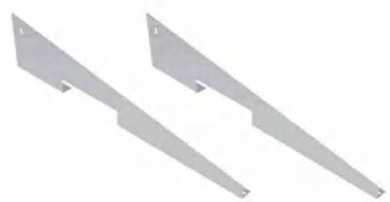
5 Name Beams

6 Name Rear Legs

7 Name Bottom Beams

8 Name Ballast Trays

9 Name WindShield (optional)



Technical Sheet

Product Name	Flat Roof Ballast
Item No.	FRM04, FRM05
System Materials	Aluminum 60055-T5
Fastener Materials	Stainless Steel 304
Flinish	Anodized
Install Angle	Within 60 Degrees
Module Orientation	Landscape/ Portrait
Installation Place	Concrete Flat Rooftop
Application Module	Framed/ Frameless
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Warranty Years	10 Years

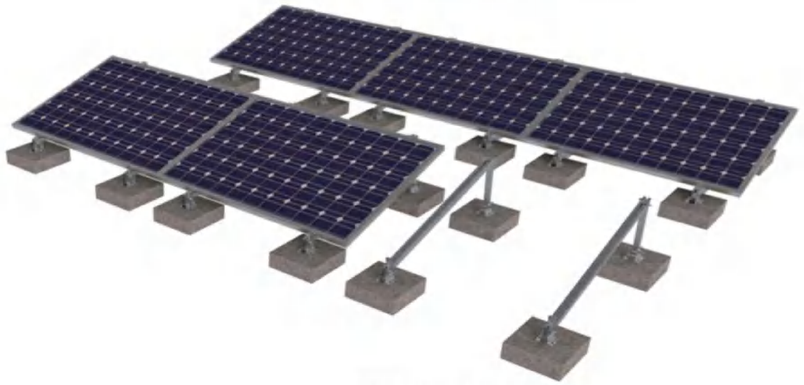
Product Feature

1. 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.

2. A combination of high quality aluminum components make a robust, reliable system and quick and easy installation.

3. Have different installation method. Can be fix on concrete block directly or fix by concrete block ballast trays. Landscape and portrait installation are all suitable.

FRM04,FRM05
Flat Roof Ballast Solar Panel Mounting

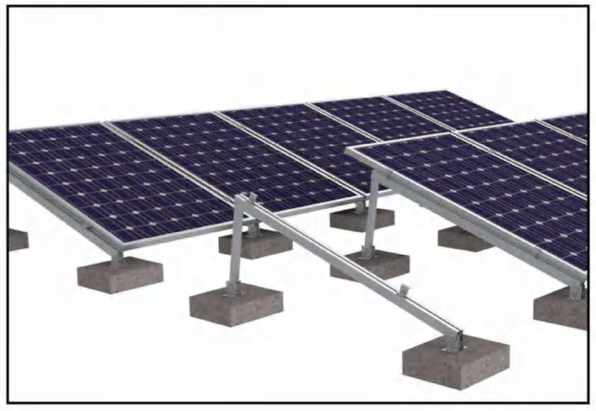


FRM04
Concrete Block Basement

Installation Way

Due to the structure is highly pre-assembly, it's very easy and fast to install.

1. Fix the pre-assembly part on the concrete block basements
2. Fix the panel on the structure with end/ mid clamps



FRM05
Ballast Trays Basement

Installation Way

Due to the structure is highly pre-assembly, it's very easy and fast to install.

1. Fix the pre-assembly part by the ballast tray
2. Fix the panel on the structure with end/ mid clamps

FRM06
Flat Roof Ballast Solar Panel Mounting

Item No.: FRM06

1 Name Middle Clamps

2 Name Front Leg Bases

3 Name Rear Leg Bases

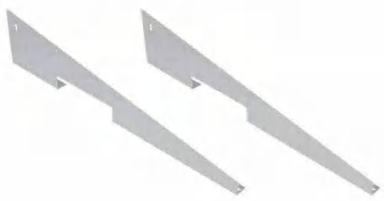
4 Name Beams

5 Name Rear Legs

6 Name Bottom Beams

7 Name Ballast Trays

8 Name WindShield (optional)



Technical Sheet

Product Name	Flat Roof Ballast
Item No.	FRM06
System Materials	Aluminum 60055-T5
Fastener Materials	Stainless Steel 304
Flinish	Anodized
Install Angle	Within 60 Degrees
Module Orientation	Landscape/ Portrait
Installation Place	Concrete Flat Rooftop
Application Module	Framed/ Frameless
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Warranty Years	10 Years

Product Feature

1. 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.

2. A combination of high quality aluminum components make a robust, reliable system and quick and easy installation.

3. East-west facing panels have a greater effect on resisting wind loads.

MRM01, MRM02, MRM03
Metal Roof/Flat Roof Solar Panel Mounting

CORIGY
Create Re-Energy

Item No.: MRM01,MRM02,MRM03

1 Name | Pre-Assemble Part

2 Name | Bottom Rail

3 Name | End Clamps

4 Name | Cross Beam (Optional)

5 Name | Metal Roof Clamp (Optional)

6 Name | Rail (Optional)

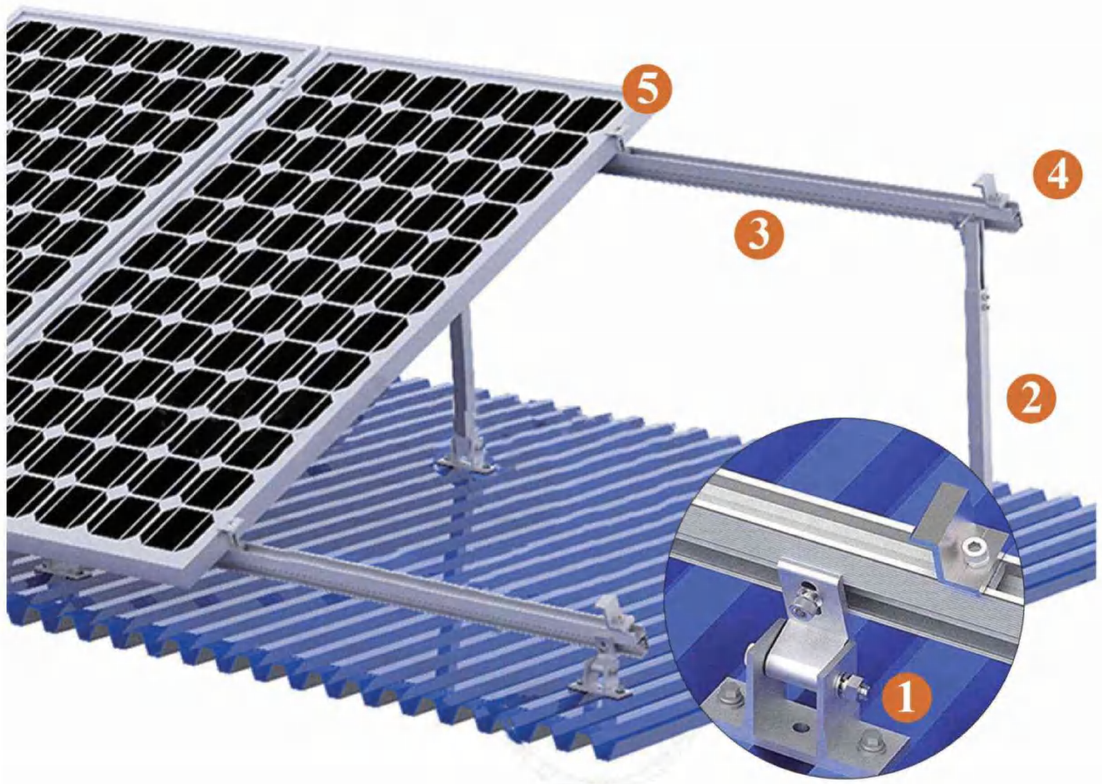
Technical Sheet

System Materials	Aluminum 60055-T5	
Fastener Materials	Stainless Steel 304	
Installation Place	Metal Rooftop	
Install Angle	MRM01	10-15 Degrees
	MRM02	15-30 Degrees
	MRM03	30-60 Degrees
Adjustable Leg Length	MRM01	230+230mm
	MRM02	340+340mm
	MRM03	650+650mm
Module Orientation	Landscape/ Portrait	
The Max Windspeed	60m/s	
Warranty Years	10 Years	

Details

MRM04
Metal Roof Solar Panel Mounting

Item No.: MRM04



1 Name | Front Legs

2 Name | Rear Legs

3 Name | Rails

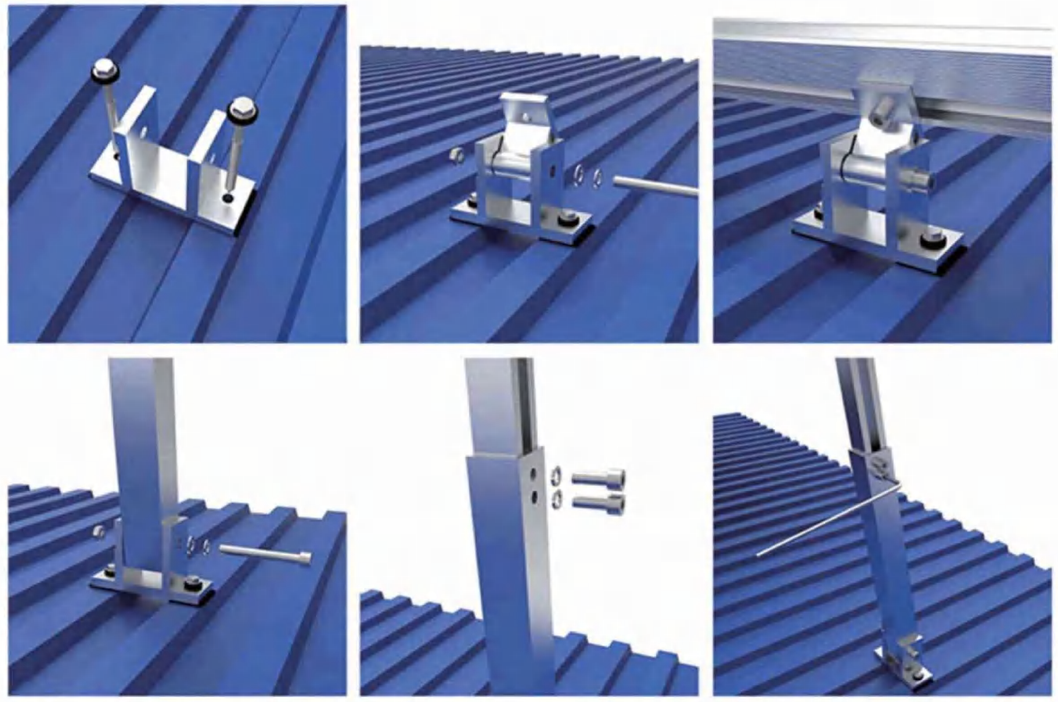
4 Name | End Clamps

5 Name | Mid Clamps

Technical Sheet

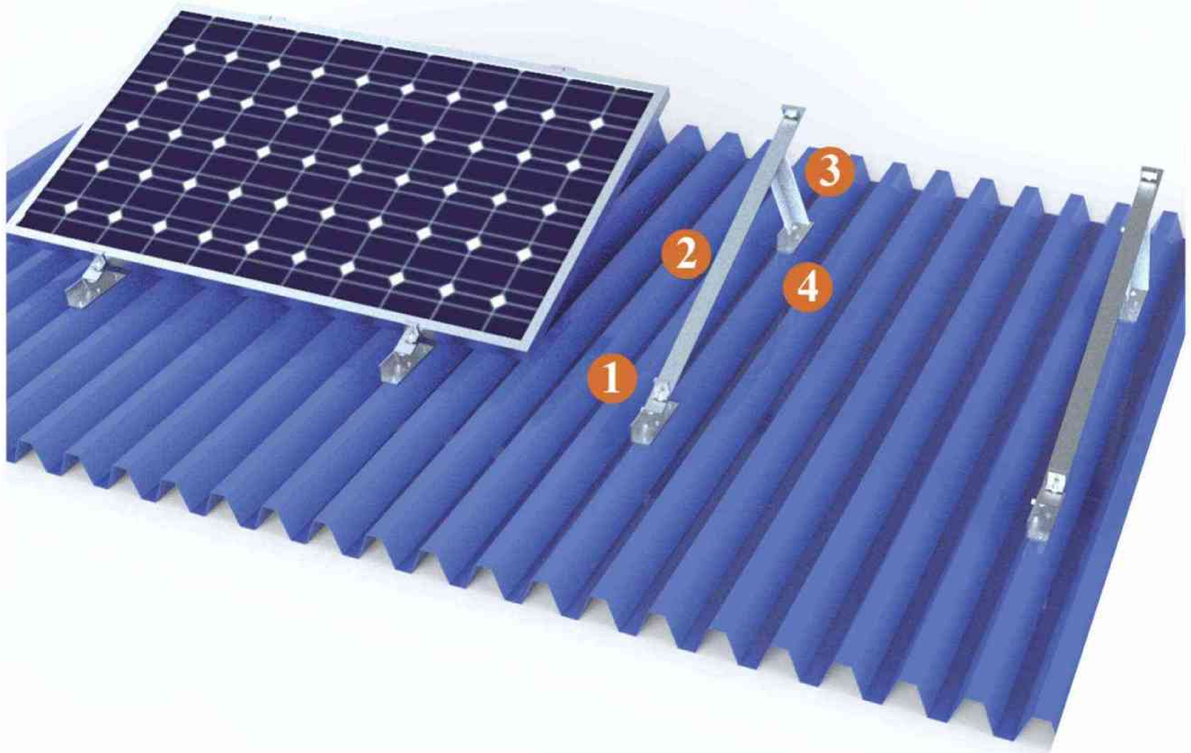
Product Name	Metal Roof Mounting System
Item No.	MRM04
System Materials	Aluminum 60055-T5
Fastener Materials	Stainless Steel 304
Flinish	Anodized
Install Angle	15-30 Degrees
Module Orientation	Landscape/ Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years

Installation Guide



MRM05
Metal Roof Solar Panel Mounting

Item No.: MRM05



1 Name | End Clamps

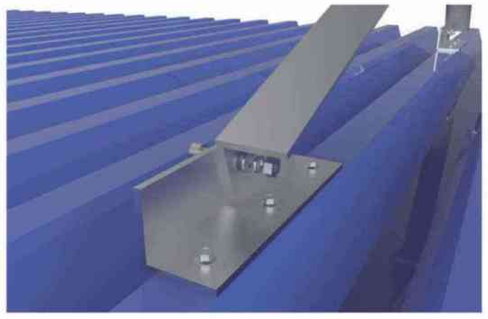
2 Name | Leg Bases

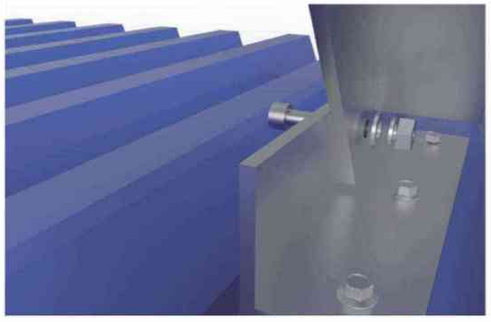
3 Name | Pre-assembly Parts

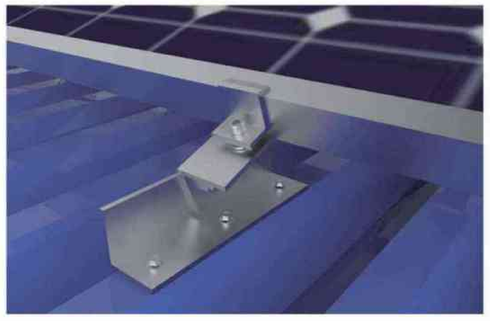
Technical Sheet

Product Name	Metal Roof Mounting System
Item No.	MRM05
System Materials	Aluminum 60055-T5 / Carbon Steel
Fastener Materials	Stainless Steel 304
Flinish	Anodized / Hot-dip Galvanizing
Install Angle	5-30 Degrees
Module Orientation	Landscape
Application Module	Framed/ Frameless
Warranty Years	10 Years

Installation Guide

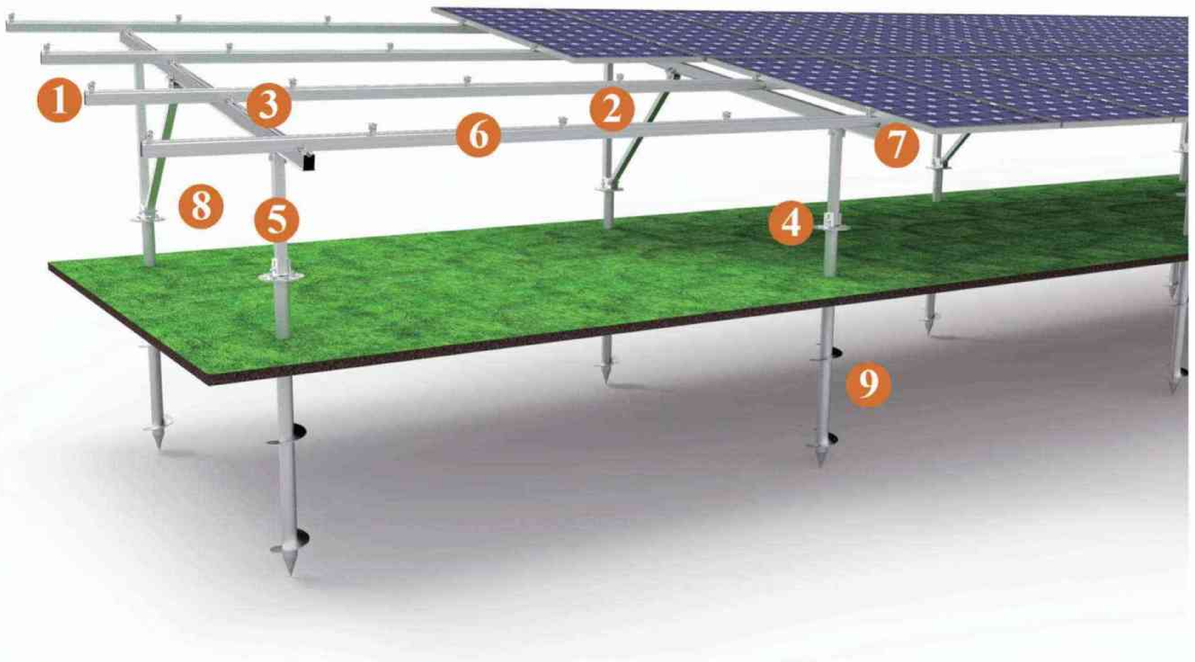






GM01
Aluminum Ground Solar Panel Mounting

Item No.: GM01



1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rail Clamps

4 Name | Leg Base

5 Name | Front / Rear Legs

6 Name | Rails

7 Name | Rail Connectors

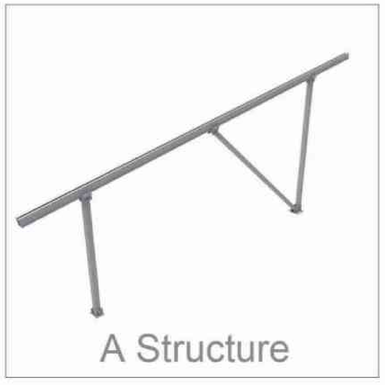
8 Name | Pre-Assemble Parts

9 Name | Ground Screws (Optional)

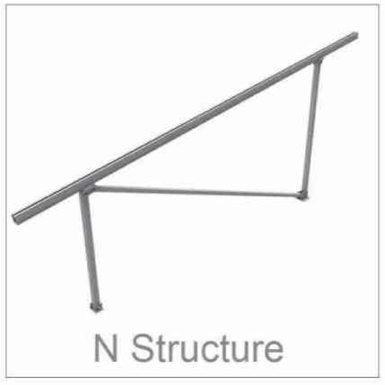
Technical Sheet

Product Name	Aluminum Ground Mounting System
Item No.	GM01
System Materials	Aluminum 60055-T5
Fastener Materials	Stainless Steel 304
Flinish	Anodized
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

According to solar panel layout and other conditions, we have the following three kinds of mounting structures:



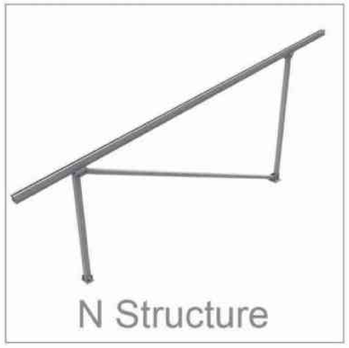
A Structure

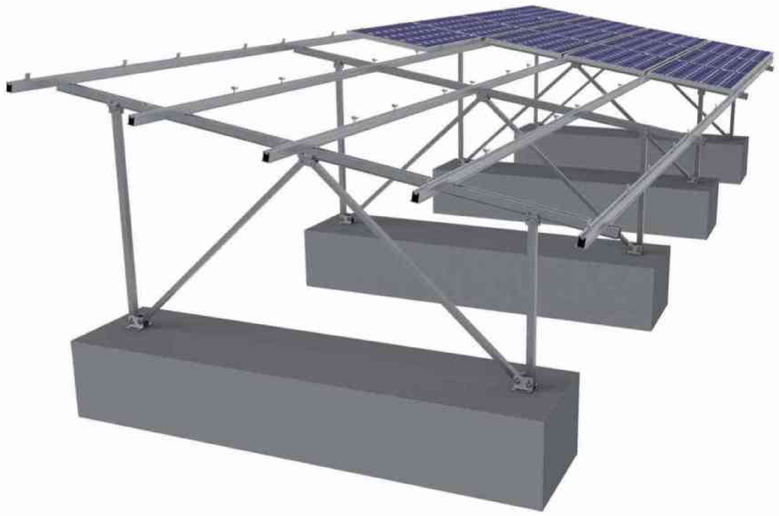


N Structure

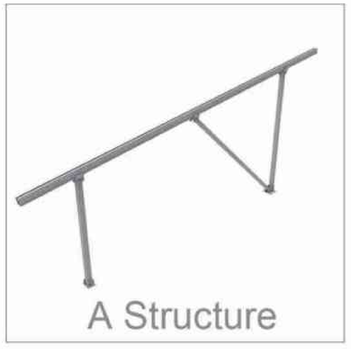
W Structure

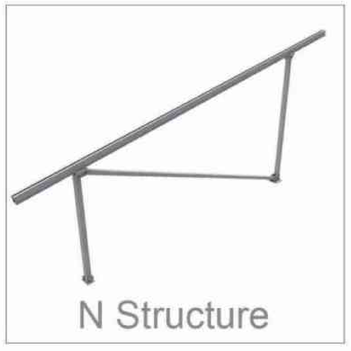
GM01
Aluminum Ground Solar Panel Mounting





Concrete Blocks Basement

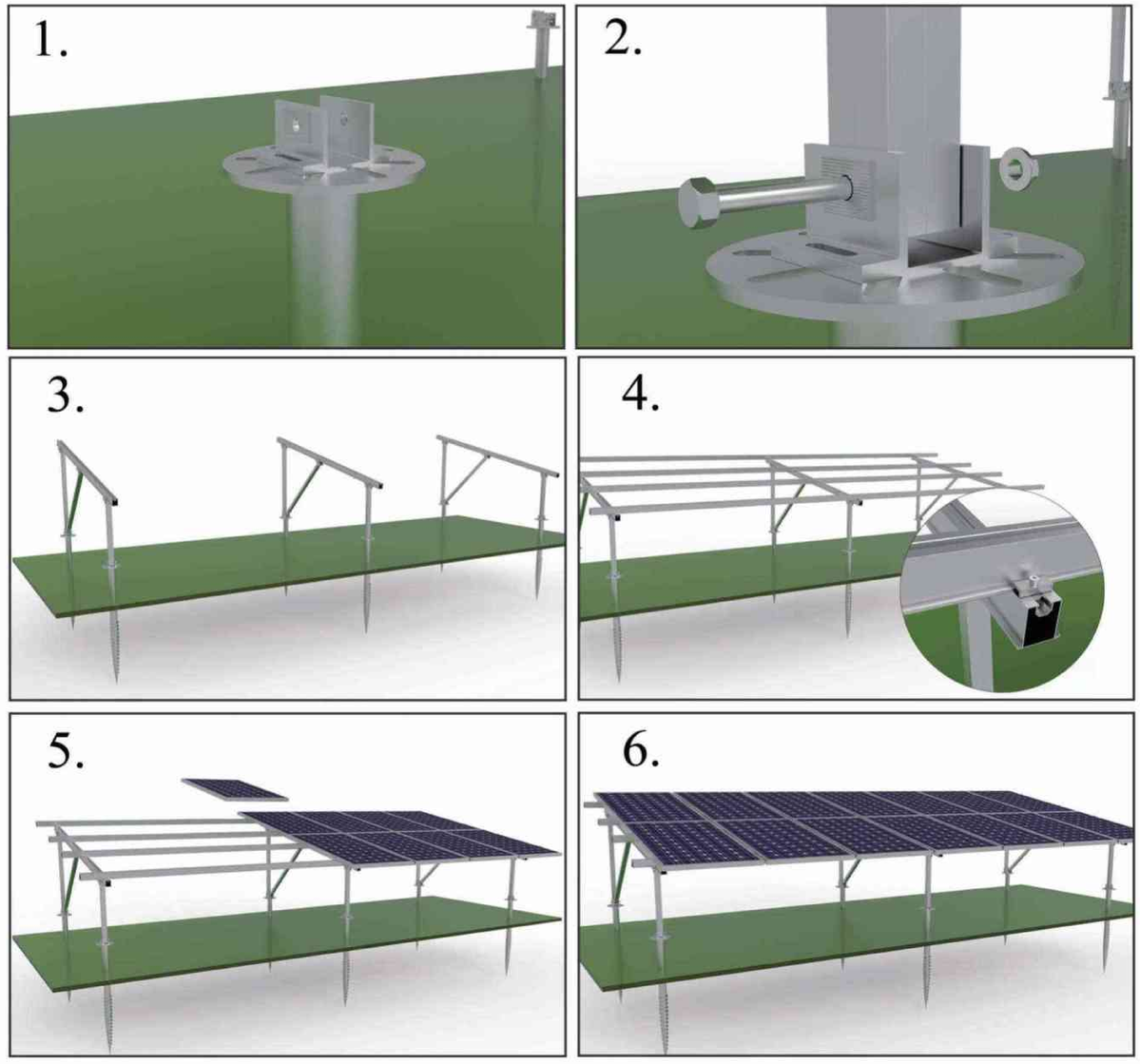




Ground Screws Basement

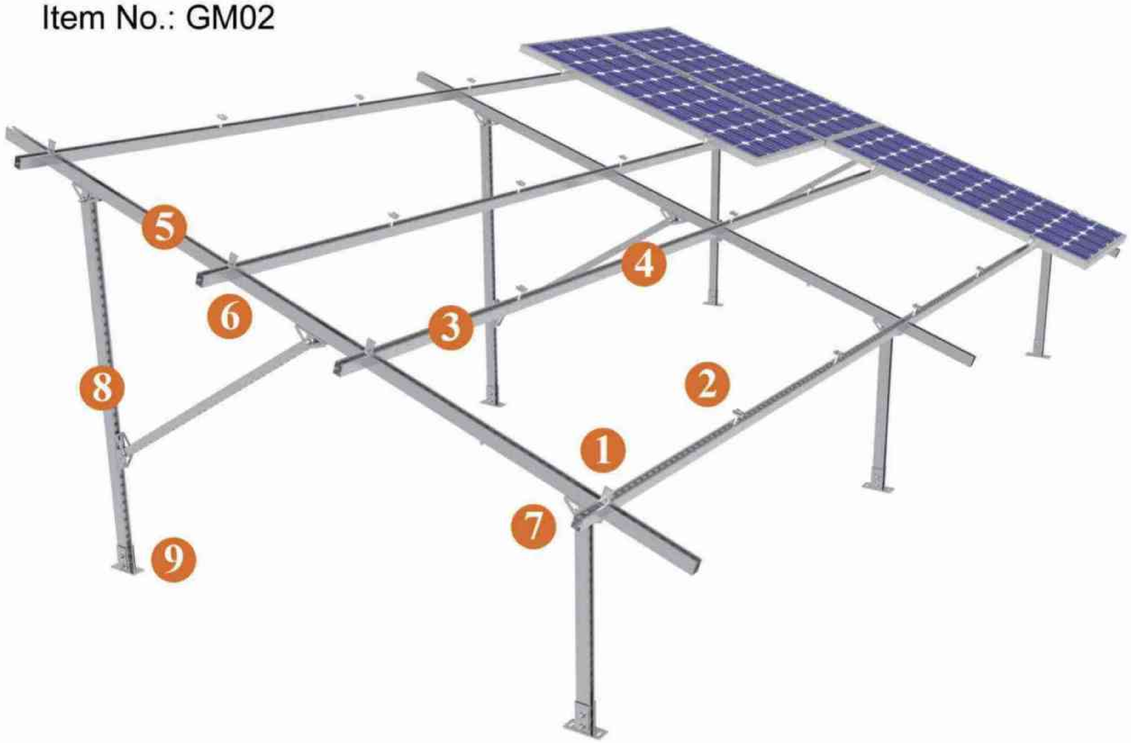
Installation Way

1. Fix the leg bases on thre concrete blocks or ground screws
2. Fix the legs on the leg bases
3. Connect the pre-assemble parts on legs
4. Install the rails on the pre-assemble parts with rail clamps
5. Fix the panels with the end clamps and mid clamps



GM02
Carbon Steel Ground Solar Panel Mounting

Item No.: GM02



1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rails

4 Name | Rail Connectors

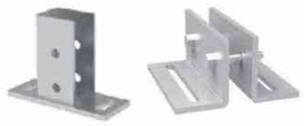
5 Name | Beams

6 Name | Rail Clamps (C Type Steel)

7 Name | Connection (U Type Steel)

8 Name | Legs and Enforcements

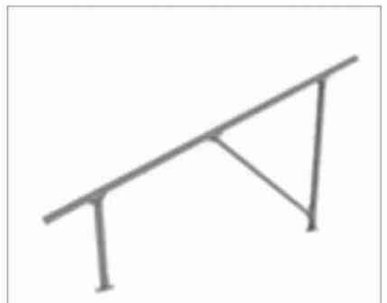
9 Name | Leg Base (Optional)



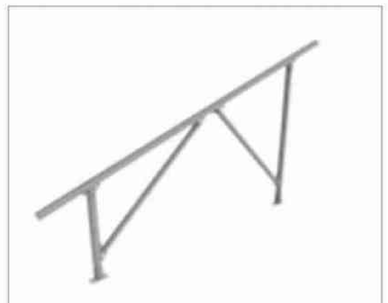
Technical Sheet

Product Name	Carbon Steel Ground Mounting System
Item No.	GM02
System Materials	C Type/ U Type Steel
Fastener Materials	Stainless Steel 304
Flinish	Hot Dip Galvanizing/ Zn-Al-Mg Coated
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

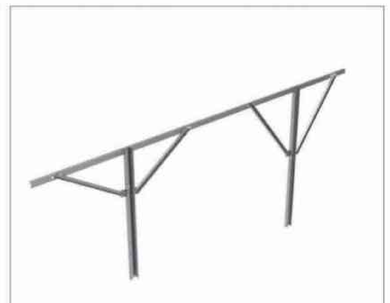
According to solar panel layout and other conditions, we have the following three kinds of mounting structures:



A Structure



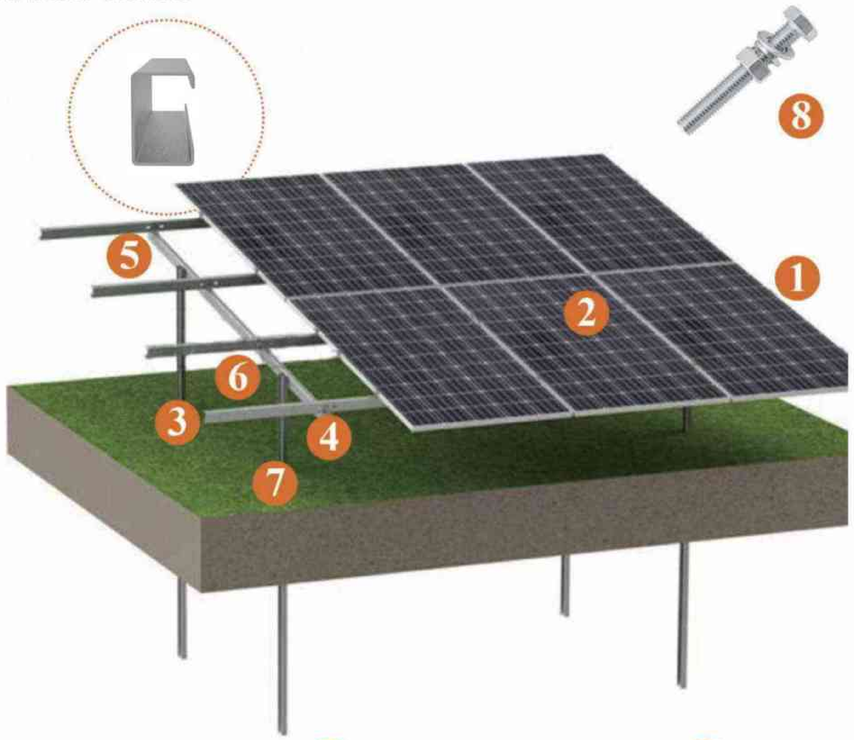
W Structure



Y Structure

GM03
Carbon Steel Ground Solar Panel Mounting

Item No.: GM03



1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rails

4 Name | Rail Connectors

5 Name | Beams

6 Name | Rail Clamps

7 Name | Legs

8 Name | Screw and Nut

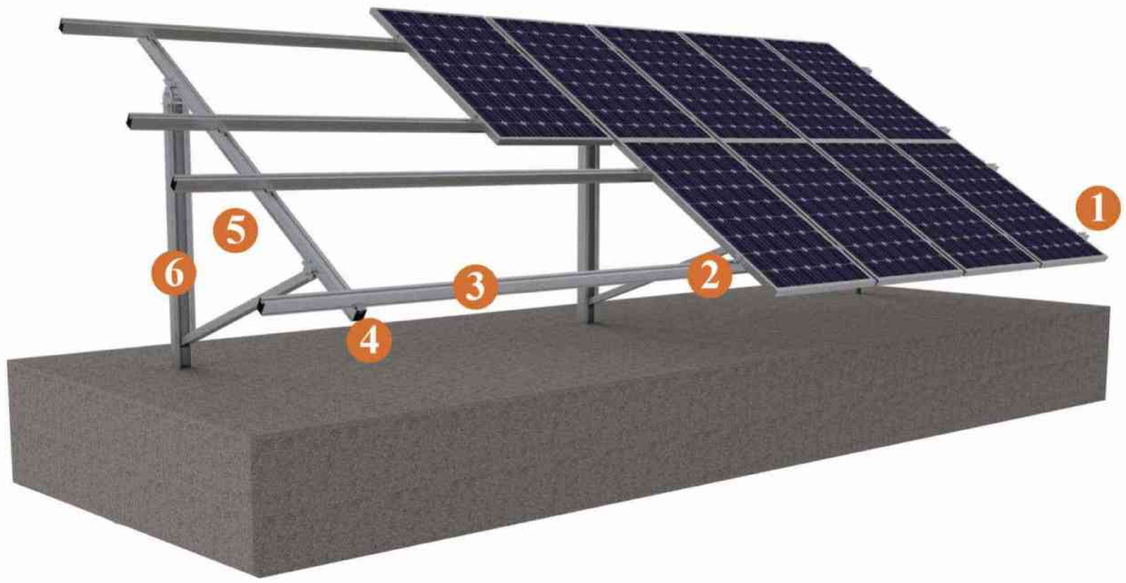
Technical Sheet

Product Name	Carbon Steel Ground Mounting System
Item No.	GM03
System Materials	C Type
Fastener Materials	Stainless Steel 304
Flinish	Zn-Al-Mg Coated
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

Detail

GM04
Single Pole Ground Solar Panel Mounting

Item No.: GM04



1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rails

4 Name | Rail Connectors

5 Name | Beams

6 Name | Leg

Technical Sheet

Product Name	Single Pole Ground Mounting System
Item No.	GM04
System Materials	Aluminum 60055-T5 / Carbon Steel
Fastener Materials	Stainless Steel 304
Flinish	Anodized / Hot Dip Galvanizing/ Zn-Al-Mg Coated
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

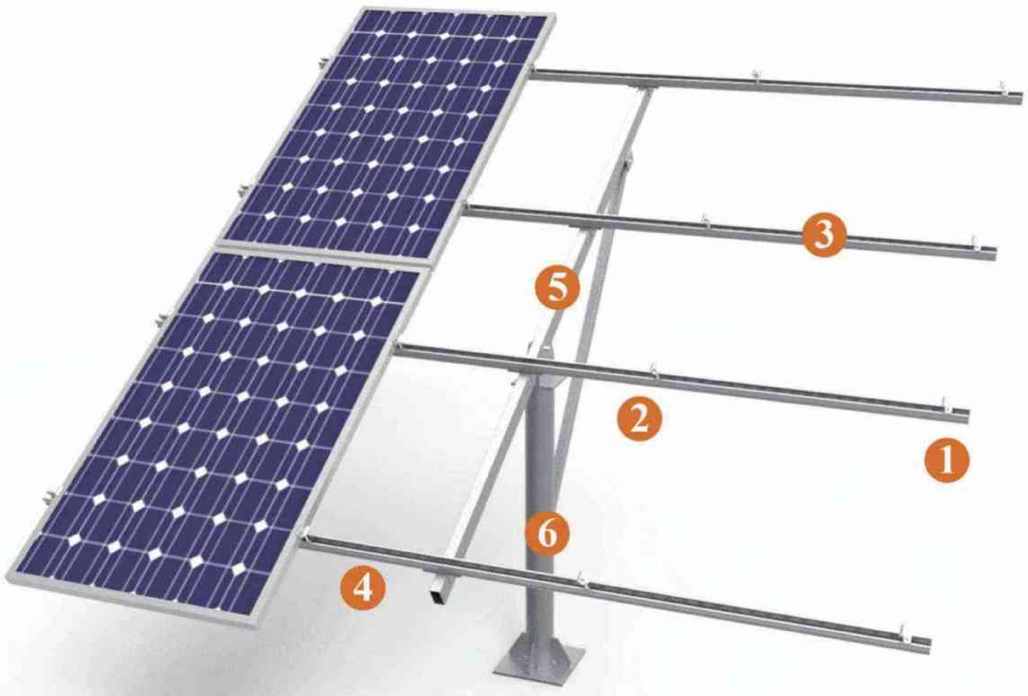
According to solar panel layout and other conditions, we have the following two kinds of mounting structures:

A Structure

Y Structure

GM05
Single Pole Ground Solar Panel Mounting

Item No.: GM05



Item No.: GM04

1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rails

4 Name | Pre-assemble Parts

5 Name | Post

6 Name | Rail Clamps

Technical Sheet

Product Name	Single Pole Ground Mounting System
Item No.	GM05
System Materials	C Type/ U Type Steel
Fastener Materials	Stainless Steel 304
Flinish	Hot Dip Galvanizing/ Zn-Al-Mg Coated
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

Installation Guide

Ground Screw (Length 1m-3.2m can be customized) (Regular size1.2m,1.4m,1.6m,1.8m, 2m)

CORIGY
Create Re-Energy

Application of Ground Screw

Solar Mounting Structure Foundation

Decking & Balustrades

Climbing Frames & Playgrounds

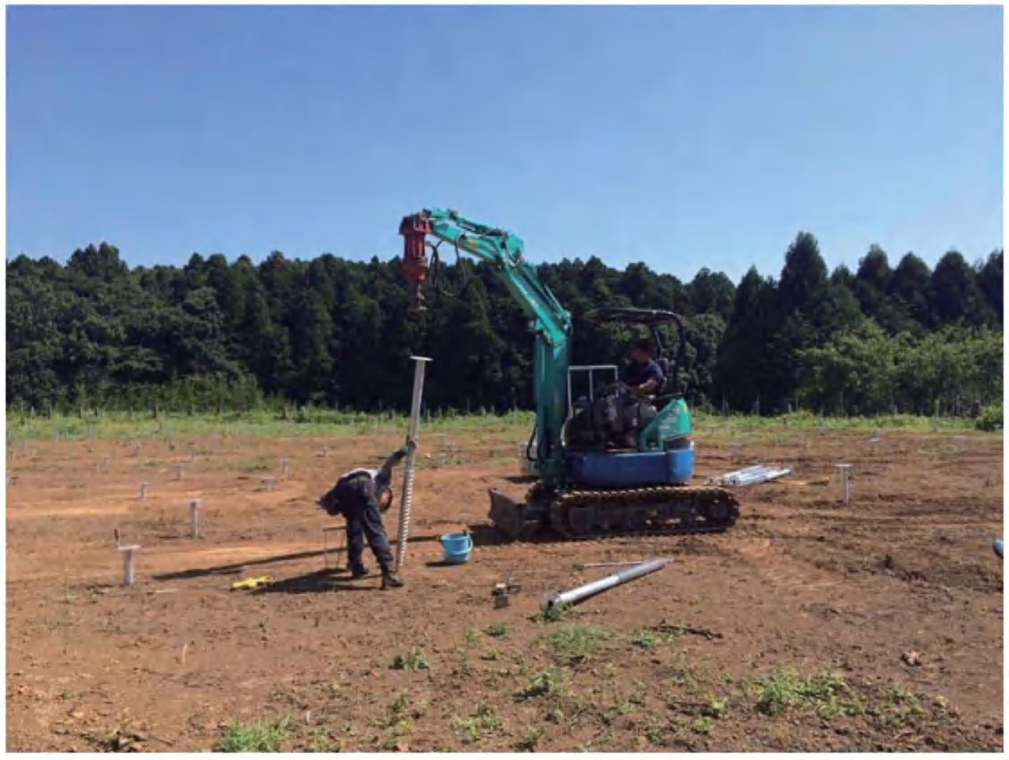
Greenhouses, Sheds & Summerhouses

Fencing, Gates & Trellises

Bridges & Footbridges

Ground Screw (Length 1m-3.2m can be customized) (Regular size1.2m,1.4m,1.6m,1.8m, 2m)

CORIGY
Create Re-Energy



Ground Screw (Length 1m-3.2m can be customized) (Regular size1.2m,1.4m,1.6m,1.8m, 2m)

CORIGY
Create Re-Energy

1

Item No. GS01
Description Small Blade Ground Screw with Flange

2

Item No. GS02
Description Small Blade Ground Screw with Adjustable Flange

7

Item No. GS07
Description Welded Flange Helical Pile

8

Item No. GS08
Description No Flange Helical Pile

3

Item No. GS03
Description Small Blade Ground Screw without Flange

4

Item No. GS04
Description Small Blade Ground Screw with Flange

9

Item No. GS09
Description No Flange Helical Pile

10

Item No. GS10
Description Welded Flange Helical Pile

5

Item No. GS05
Description Big Blade Ground Screw without Flange

6

Item No. GS06
Description Big Blade Ground Screw without Flange

11

Item No. GS11
Description Adjustable Flange Helical Pile

12

Item No. GS12
Description Welded Flange Helical Pile

Ground Screw (Length 1m-3.2m can be customized) (Regular size1.2m,1.4m,1.6m,1.8m, 2m)

CORIGY
Create Re-Energy

13

Item No.	GS13
Description	Ground Screw

14

Item No.	GS14
Description	Ground Screw

19

Item No.	GS19
Description	Ground Screw

20

Item No.	GS20
Description	Ground Screw

15

Item No.	GS15
Description	Ground Screw

16

Item No.	GS16
Description	Ground Screw

21

Item No.	GS21
Description	Ground Screw

22

Item No.	GS22
Description	Ground Screw

17

Item No.	GS17
Description	Ground Screw

18

Item No.	GS18
Description	Ground Screw

23

Item No.	GS23
Description	Optional Flange for Ground Screw

SPC01
Carport Solar Panel Mounting Structure

Item No.: SPC01

1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Rails

4 Name | Beams

5 Name | Columns

6 Name | Rail Clamps

7 Name | Ground Cages

Technical Sheet

Product Name	Carbon Steel Carport Mounting System
Item No.	SPC01
System Materials	Carbon Steel
Fastener Materials	Stainless Steel 304
Flinish	Hot Dip Galvanizing
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

According to solar panel layout and other conditions, we have the following three kinds of carport structure design

Lower Side Entrance

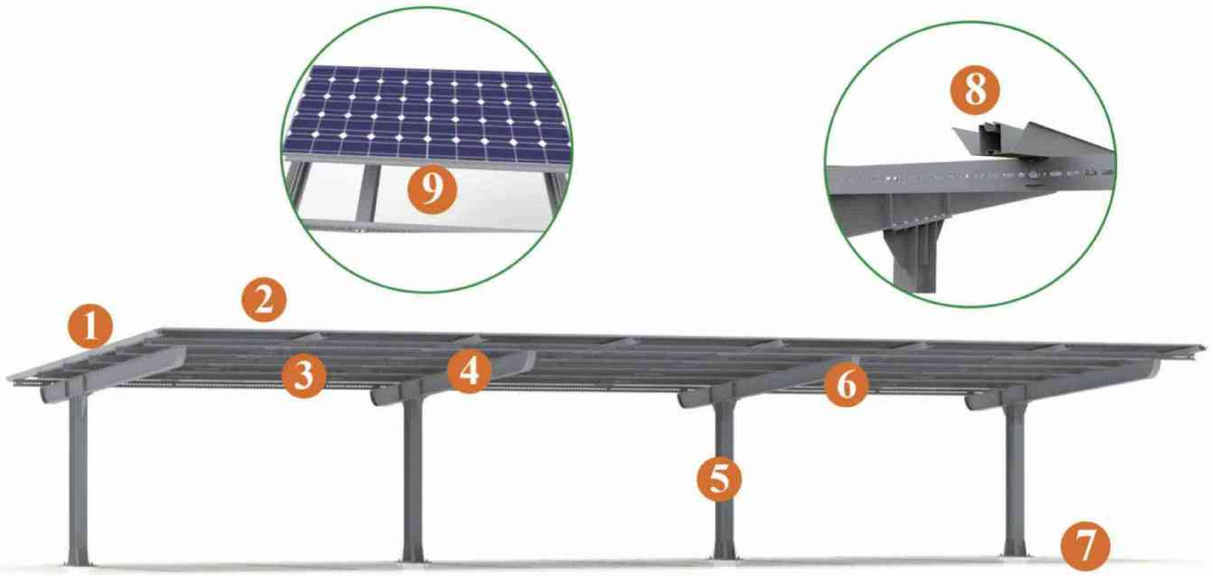
Higher Side Entrance

Double Entrance

SPC02
Waterproof Solar Carport Mounting Structure

CORIGY
Create Re-Energy

Item No.: SPC02



1 Name End Clamps

2 Name Middle Clamps

3 Name Rails

4 Name Beams

5 Name Columns

6 Name Rail Clamps

7 Name Ground Cages

8 Name Gutter

9 Name Gutter

Technical Sheet

Product Name	Waterproof Carbon Steel Carport Mounting System
Item No.	SPC02
System Materials	Carbon Steel
Fastener Materials	Stainless Steel 304
Flinish	Hot Dip Galvanizing
Install Angle	Within 60 Degrees
The Max Windspeed	60m/s
The Max Snow Load	Within 1.5m
Module Orientation	Landscape / Portrait
Application Module	Framed/ Frameless
Warranty Years	10 Years
Service Years	About 25 Years

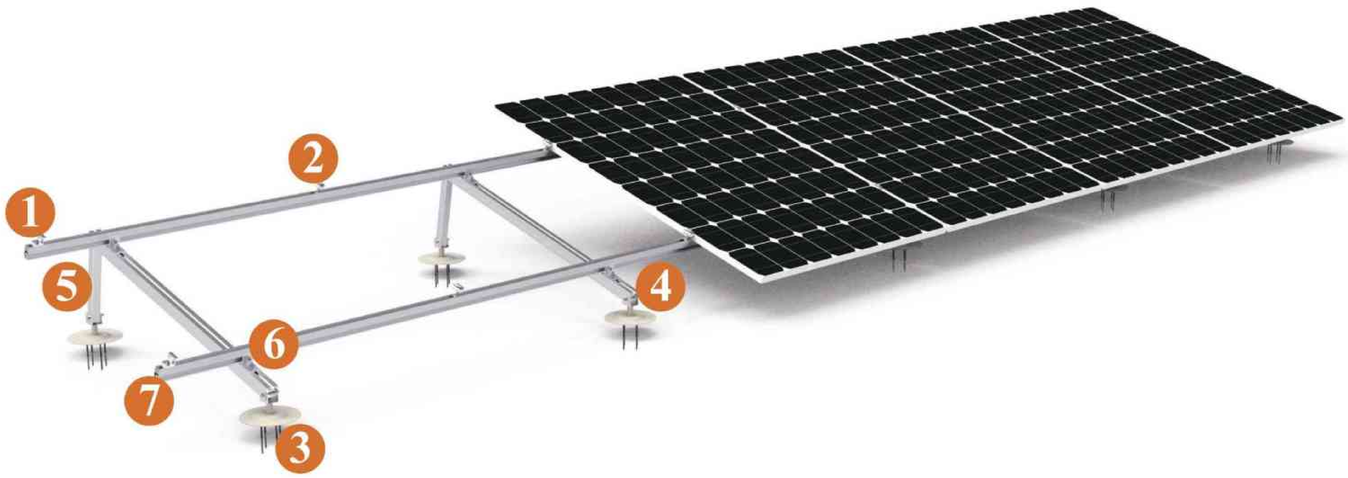
According to solar panel layout and other conditions, we have the following three kinds of carport structure design

Lower Side Entrance

Higher Side Entrance

Double Entrance

CP-TPV-01
TPO/PVC PV Mounting System



Technical Sheet

Product Name	TPO/PVC PV Mounting System
Item No.	CP-TPV-01
System Materials	Aluminum 6005-T5 Anodized
Fastener Materials	Stainless Steel 304
Install Angle	0-30 Degrees
Module Orientation	Landscape/ Portrait
Warranty Years	10 Years
Service Years	About 25 Years

1 Name | End Clamps

2 Name | Middle Clamps

3 Name | Leg Caps

4 Name | Bottom Bars

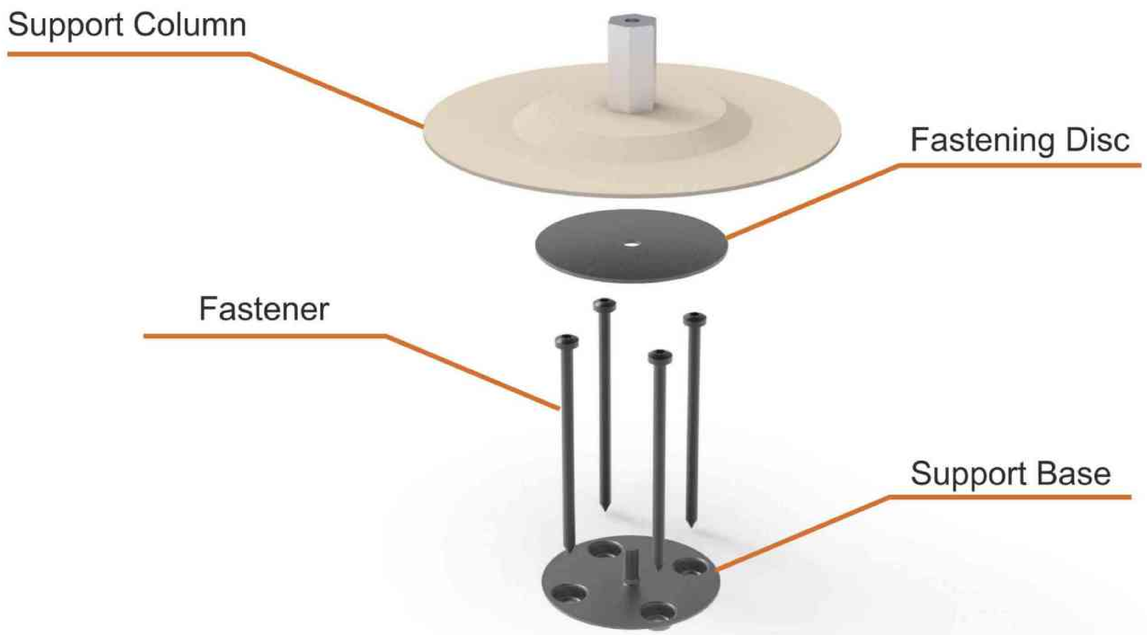
5 Name | Pre-Assemble Part

6 Name | Top Cap For Legs

7 Name | NRA Rails

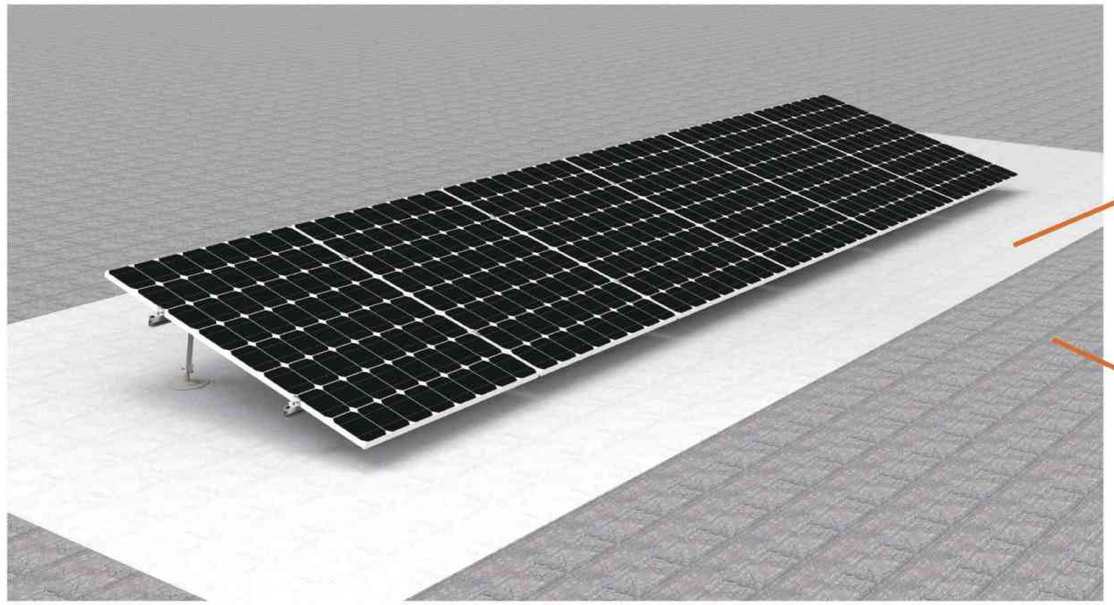
8 Name | NRA Rail Splices

9 Name | Screws + Flange Nuts



CP-TPV-01
TPO/PVC PV Mounting System

Taking a cement roof as an example



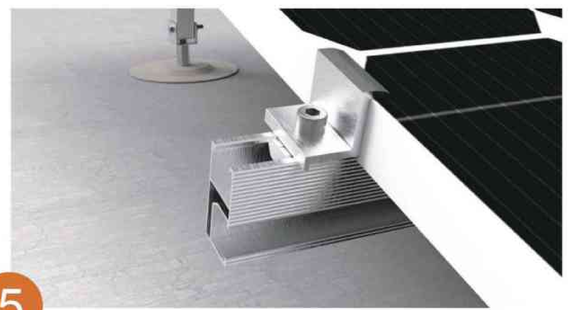
Installation Overview

1

2

3

4



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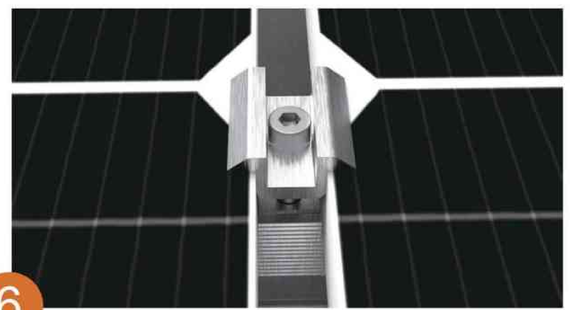
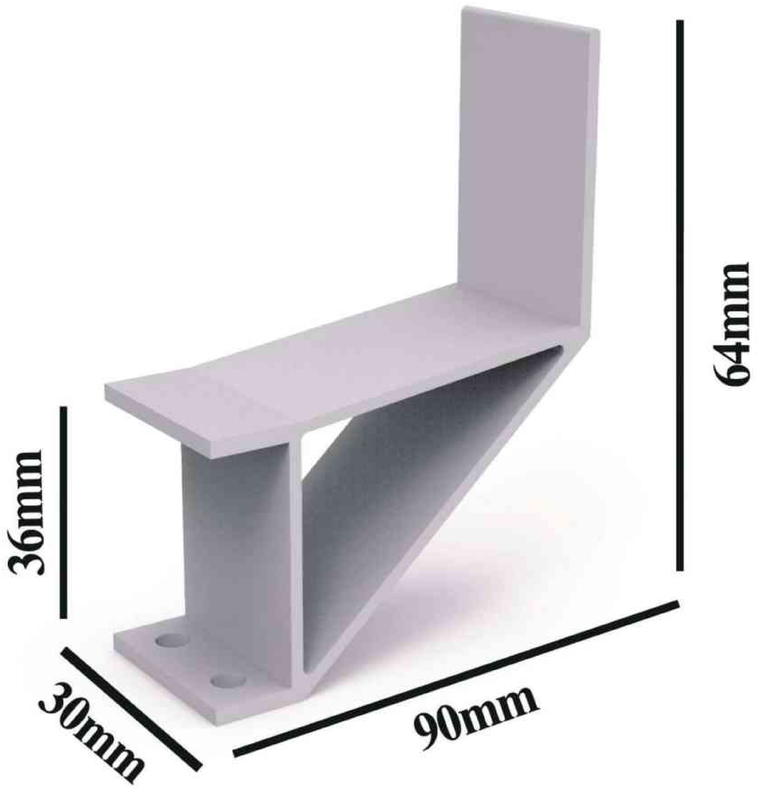


6

CP-SRC-01
Solar Snow Guard Clamp



Technical Sheet

Product Name	Solar Snow Guard Clamp
Item No.	CP-SRC-01
System Materials	Aluminum 6005-T5
Fastener Materials	Stainless Steel 304
Weight	45g
Thickness	T=2.0mm
Accessories	Two M6x10 Set Screw
Applicable	30mm/35mm

CP-EPG
EPDM Solar Panel Gasket

Technical Sheet	
Product Name	EPDM Solar Panel Gasket
Item No.	CP-EPG-01
System Materials	Rubber material
Dimensions	W36.5xH23
Fits	Suitable for gaps of 17-20mm

Installation diagram

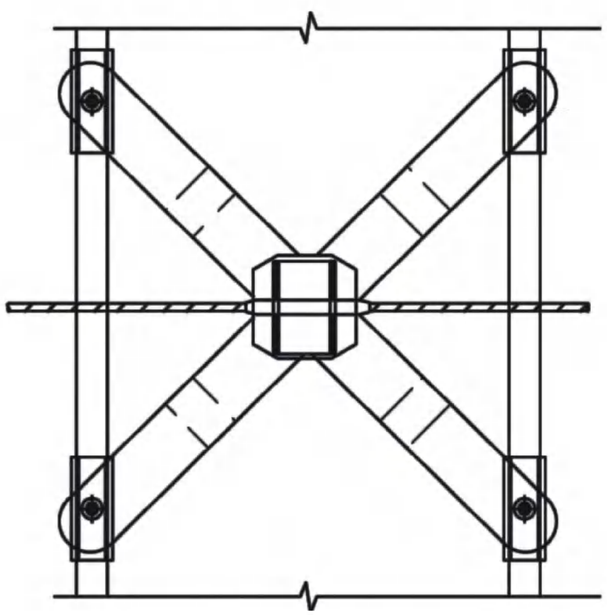
Technical Sheet	
Product Name	EPDM Solar Panel Gasket
Item No.	CP-EPG-02
System Materials	Rubber material
Dimensions	W25xH18
Fits	Suitable for gaps of 5-8mm

Technical Sheet	
Product Name	EPDM Solar Panel Gasket
Item No.	CP-EPG-03
System Materials	Rubber material
Dimensions	W46xH35
Fits	Suitable for gaps of 26-30mm

Technical Sheet	
Product Name	EPDM Solar Panel Gasket
Item No.	CP-EPG-04
System Materials	Rubber material
Dimensions	W37xH20
Fits	Suitable for gaps of 5-8mm

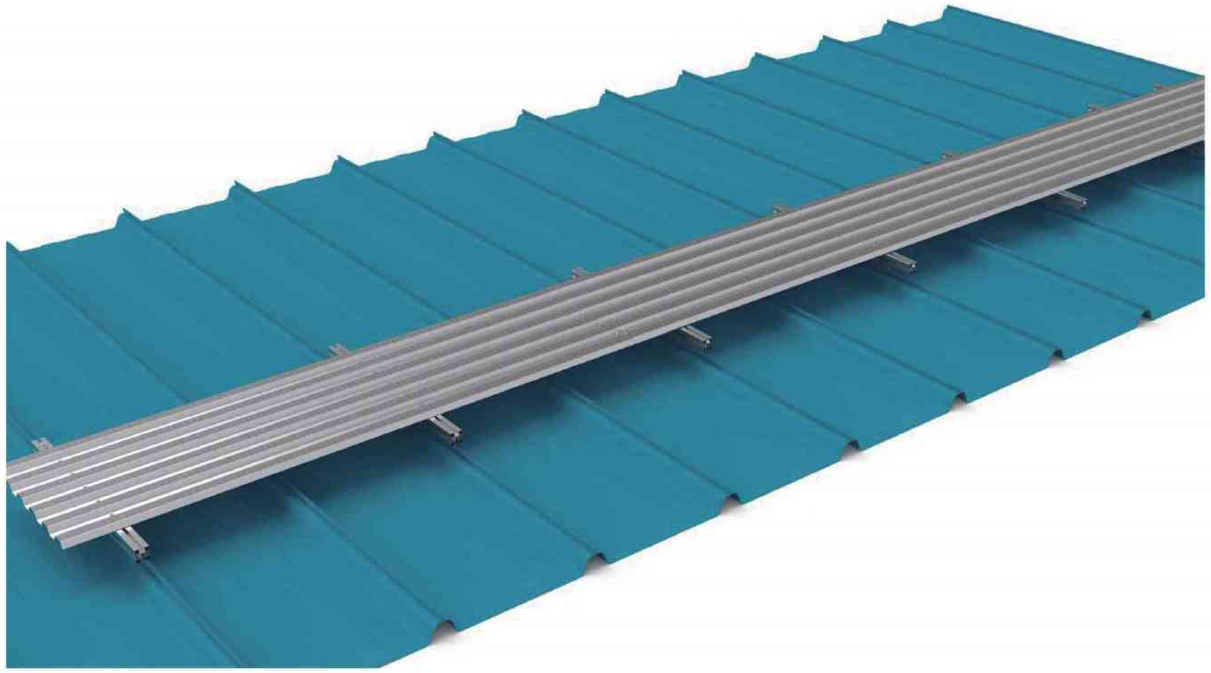
CP-FPS-01
Fall Protection Lifeline Solution

Technical Sheet	
Product Name	Fall Protection Lifeline Solution
Item No.	CP-FPS-01
System Materials	SUS304
Features	Adjustable, multi-size universal fit



Installation diagram

CP-SZW
Solar Rooftop Walkway



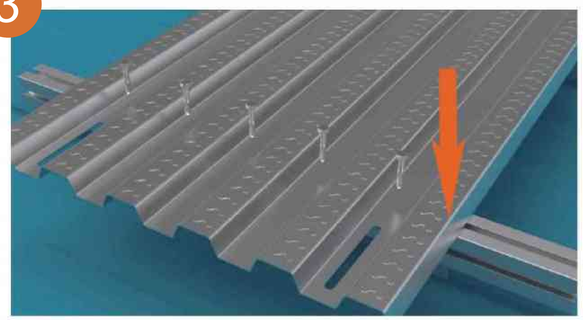
Technical Sheet

Product Name	Solar Rooftop Walkway
Item No.	CP-SZW
System Materials	Aluminized Magnesium Zinc
Fastener Materials	Stainless Steel 304
Wide	300mm/400mm/500mm
Thickness	T=1.0mm

1

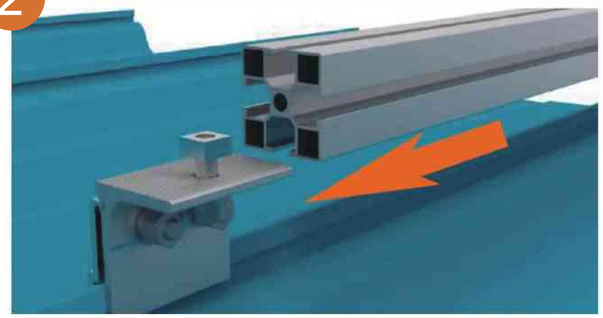
Install Roof Fixtures

3



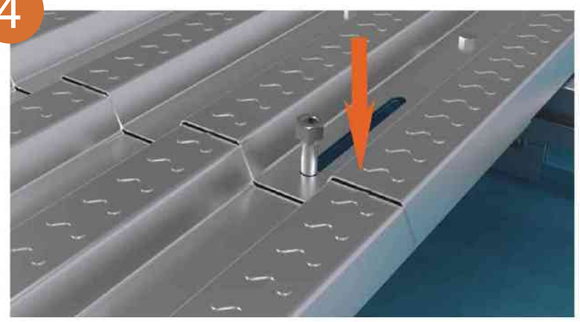
Install the Walkway on the Rail

2



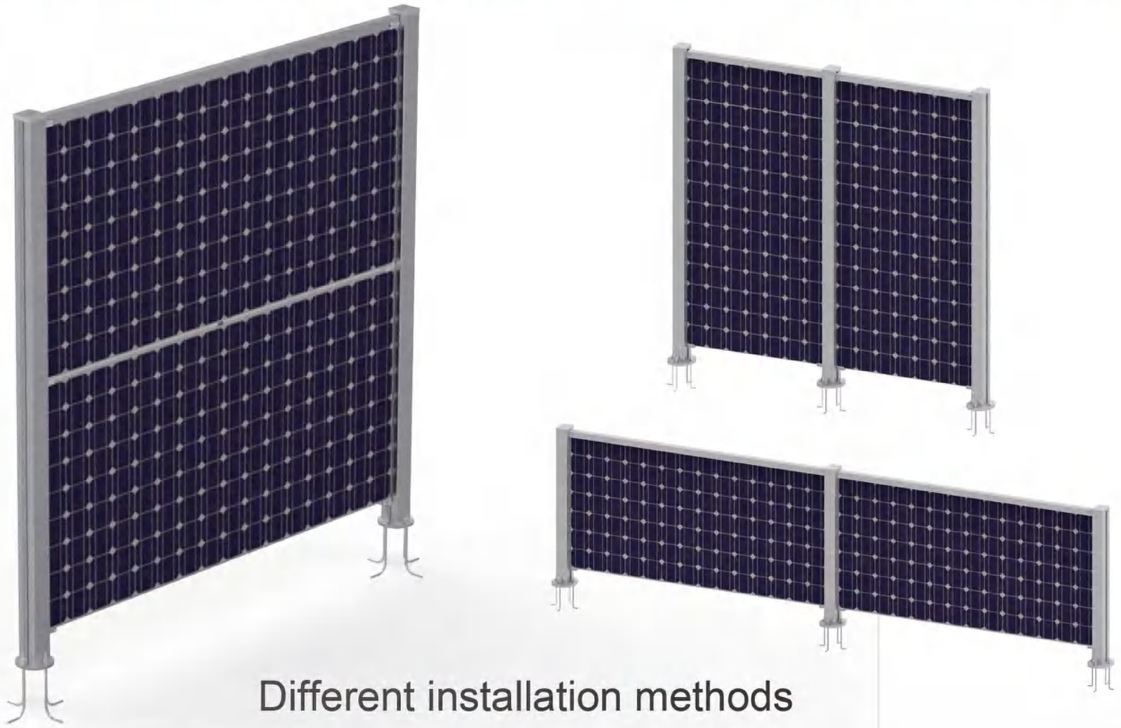
Install the Rail Along the lamping Blocks

4



Connect the walkway using bolt kits

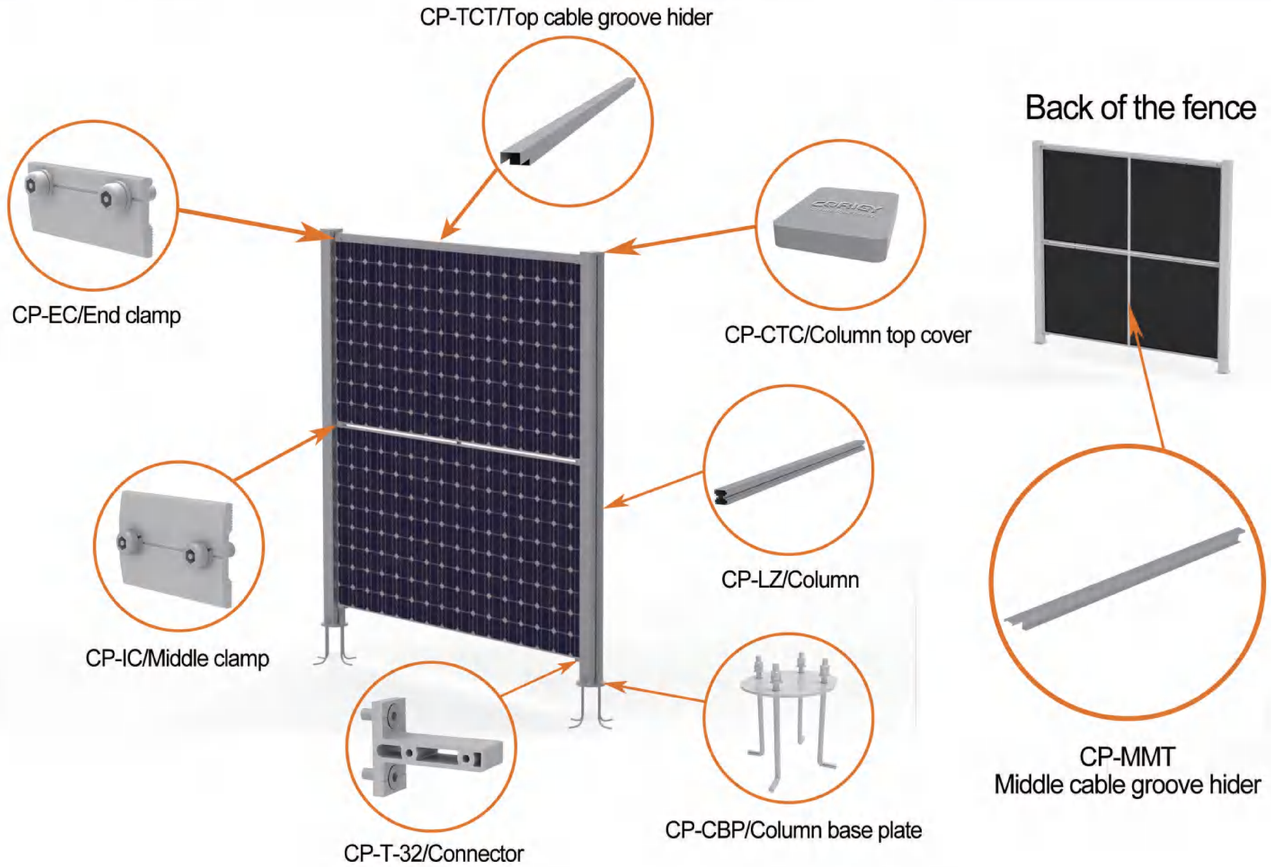
CP-VF
Aluminum Solar Fence Mounting Structure

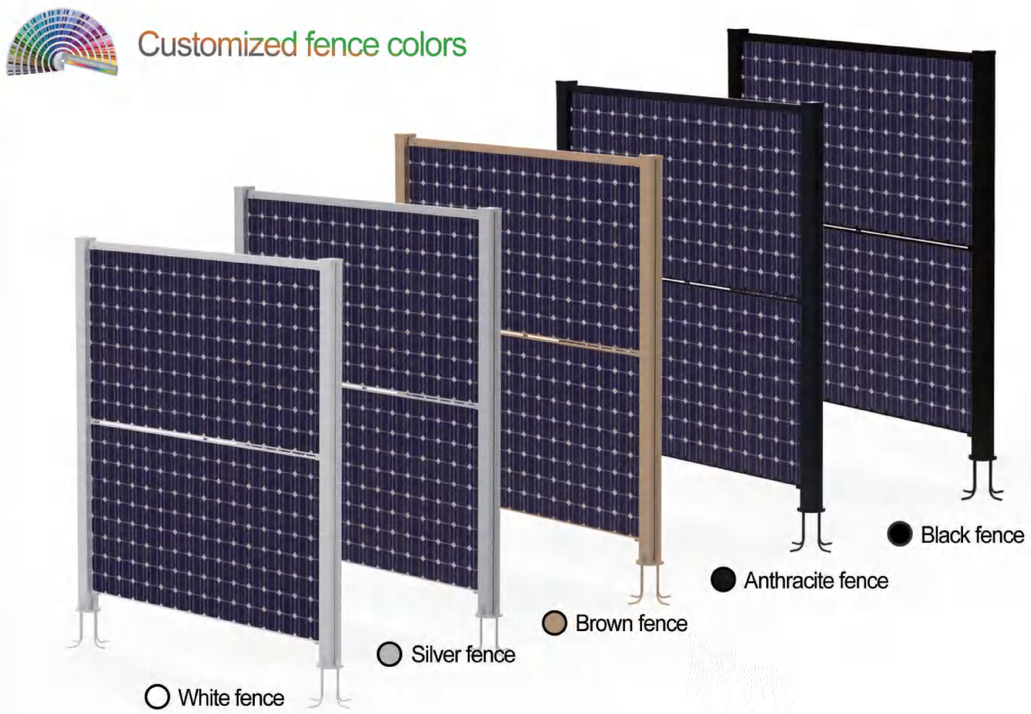


Different installation methods

Technical Sheet

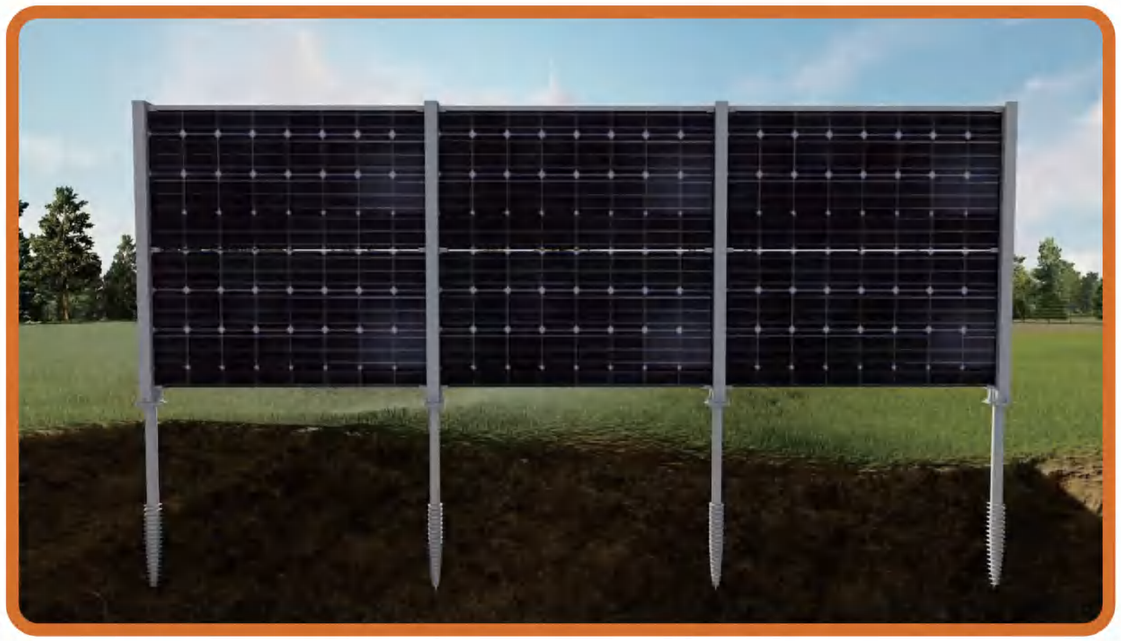
Dimensions of the module	Suitable for module with 30/35mm thickness no limit on length and width
Installation angle	90 Degrees
Material	Main material aluminum AL6005-T5
Surface treatment	Anodizing/Baking varnish
Design wind speed	30M/S
Design snow load	1.1KN/m²
Basement	Cement or ground piles
Warranty	10 Years





CP-VF
Aluminum Solar Fence Mounting Structure

Cement foundation

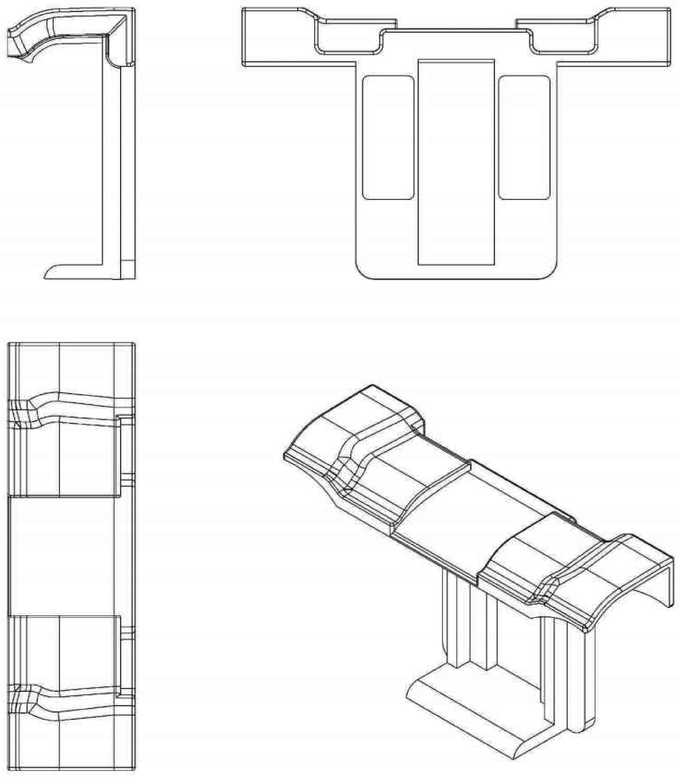


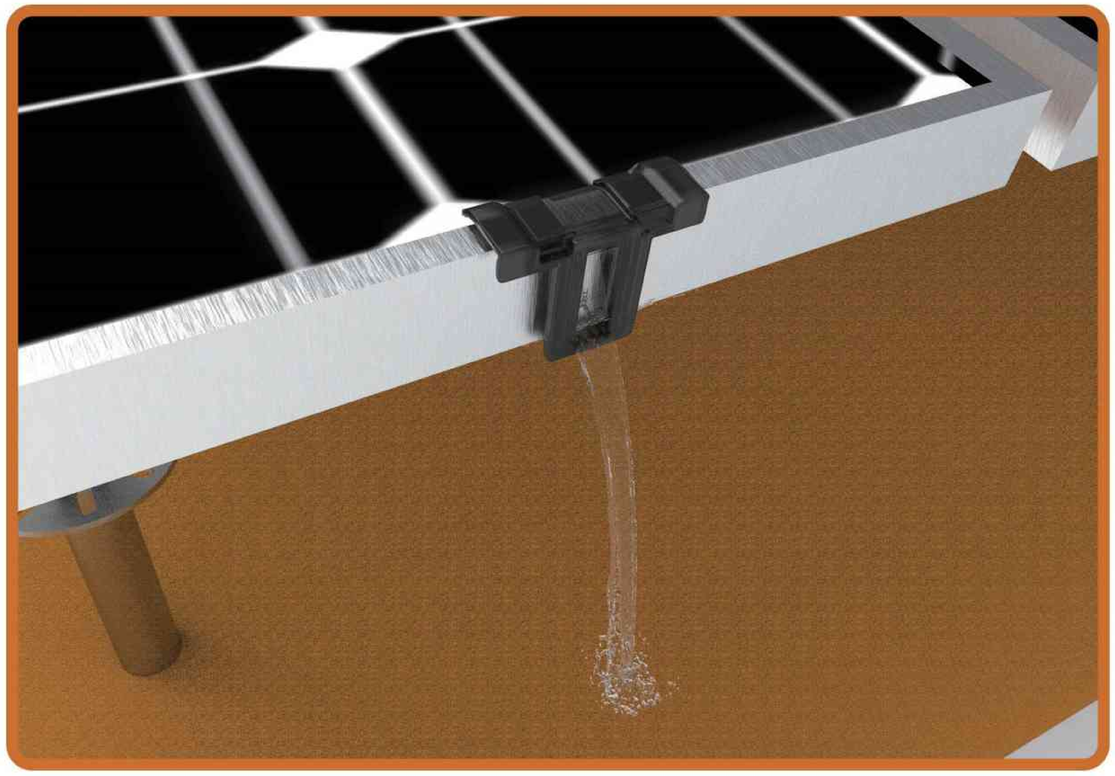
Ground screw foundation

SMC059
Solar Panel Water Drainage Clip

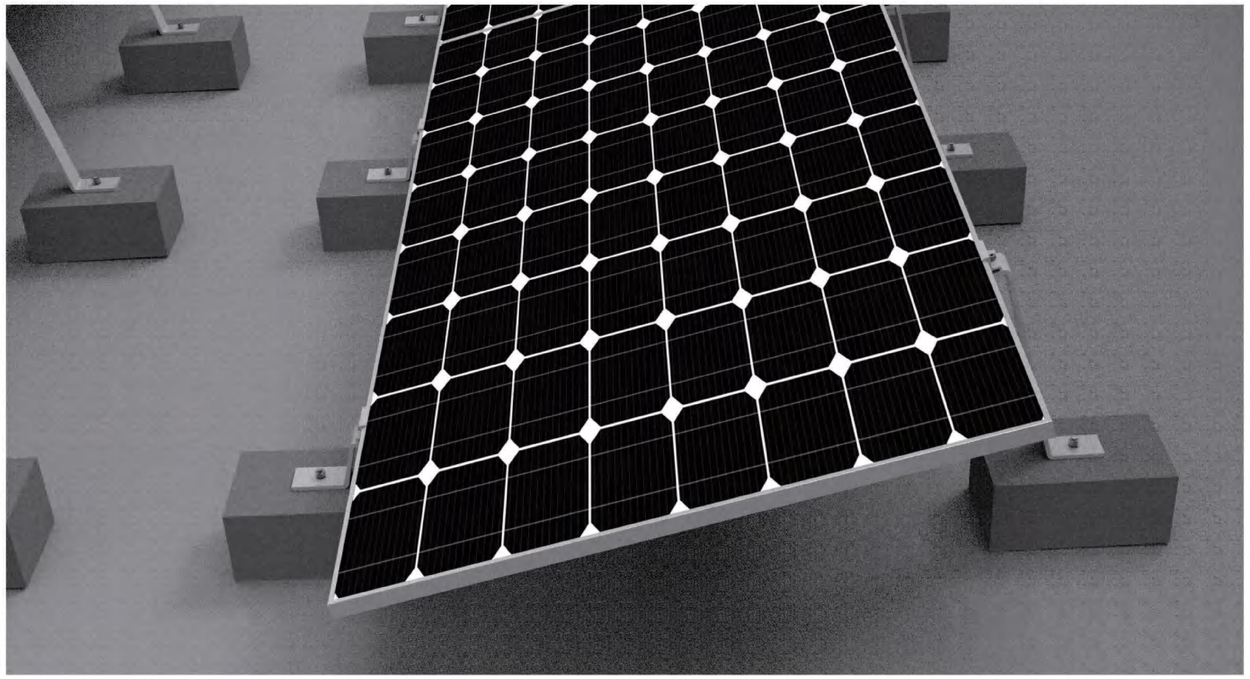
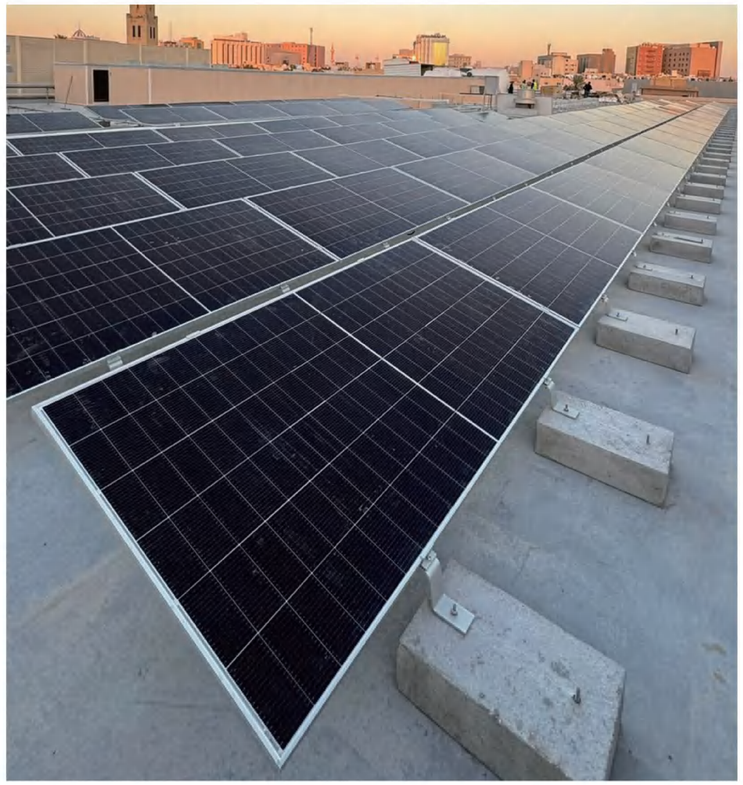
Technical Sheet

Product Name	Solar Panel Water Drainage Clip
Item No.	SMC059
System Materials	ABS
Scope of Application	PV panel thickness 30mm/35mm/40mm





CP-Z-01
Z-Bracket

Technical Sheet

Application	Ground mount
Tilt Angle	15 Degrees
Main Material	Aluminum Anodization
Bolt	Stainless steel SUS304/SUS316
Design wind speed	160KM/H
Warranty	10 Years