ROOF-MOUNTED SYSTEM & EASY SOLAR BRACKET SERIES

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MOUNT BRACKET

SOLAR MOUNTING SOLUTIONS

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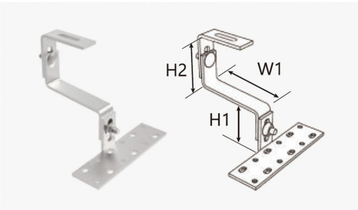
Tile Roof Mounting System I

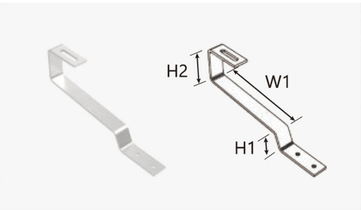
- **Creative clamp mount by push into rails directly.**
- **Special clamp clip could offer adjustable height.**
- **Fast and simple installation, precise adjustment of roof height**

Roof hook



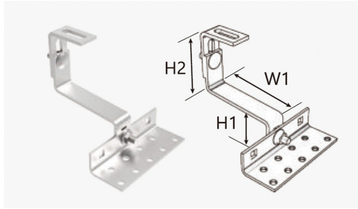
H1=45~82
H2=85~100
W1=115

Item number	Thickness	Material
RH-0009	5mm	SUS 304
Roof decking	Carriage bolts	
Tiled roof	M10*25*2	



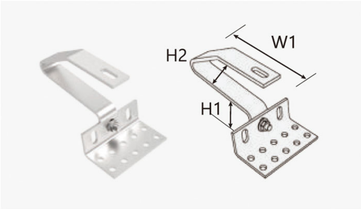
H1=32
H2=74
W1=183

Item number	Thickness	Material
RH-0016	5mm	SUS 304
Roof decking	Wood screw	
Tiled roof	st6.3*80mm	



H1=40~51
H2=65~94
W1=115

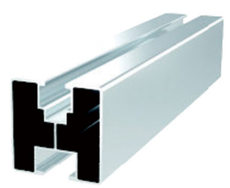
Item number	Thickness	Material
RH-0036	5mm	SUS 304
Roof decking	Wood screw	Carriage bolts
Tiled roof	st6.3*80mm	M10*25*2



H1=47~60
H2=57
W1=140

Item number	Thickness	Material
RH-304-0802	6mm	SUS 304
Roof decking	Carriage bolts	
Tiled roof	M10*25*1	

Rail



Width	Height	Material
40mm	40mm	AL 6005-T5

Various lengths available

Mid &End Clamps

Material
AL 6005-T5

Universal module clamps

Bolts and nuts

Material
SUS304

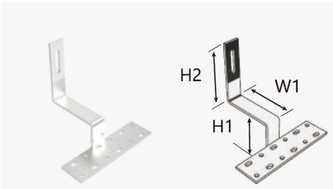
Parameters

Material:	AL6005-T5,SUS304 / SUS410
Surface treatment:	Anodized
Module:	Framed
Module orientation:	Landscape and portrait
Applicable module thickness:	30mm-40mm
Warranty:	30 years

Tile Roof Mounting System II

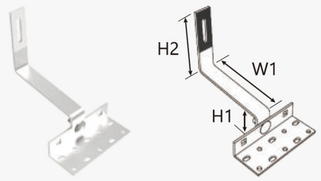
- **Suitable for both commercials and residential roof applications.**
- **High grade anodized aluminum and stainless steel components.**
- **Less accessories for easy installation, save the construction time and cost.**

Roof hook



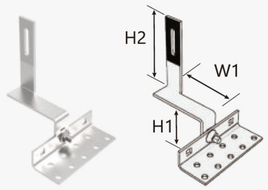
H1=51
H2=120
W1=106

Item number	Thickness	Material
RH-0001	5mm	SUS 304
Roof decking		
Tiled roof		



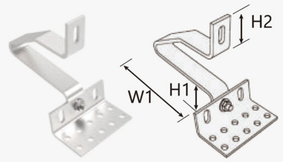
H1=44~51
H2=120
W1=150

Item number	Thickness	Material
RH-0018	5mm	SUS 304
Roof decking	Wood screw	
Tiled roof	st6.3*80mm	



H1=53~60
H2=120
W1=76

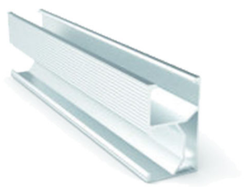
Item number	Thickness	Material
RH-0037	5mm	SUS 304
Roof decking	Carriage bolts	
Tiled roof	M10*25*1	



H1=47~60
H2=65
W1=140

Item number	Thickness	Material
RH-304-0801	6mm	SUS 304
Roof decking	Carriage bolts	
Tiled roof	M10*25*1	

Rail



Width	Height	Material
40mm	40mm	AL 6005-T5

Long rails available for cutting to customized sizes

Mid &End Clamps

Material
AL 6005-T5

Universal module clamps

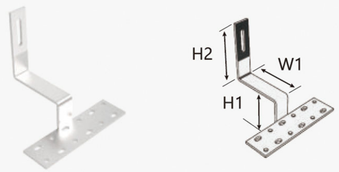
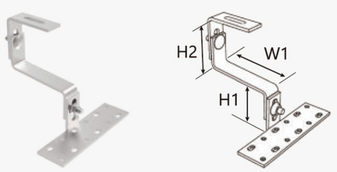
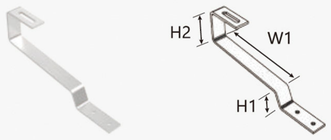
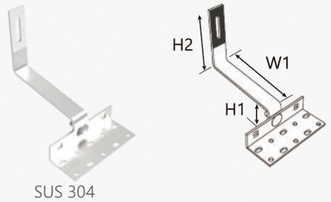
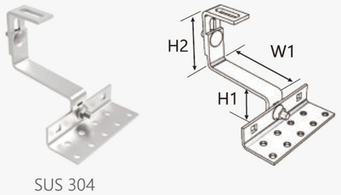
Rail Connector

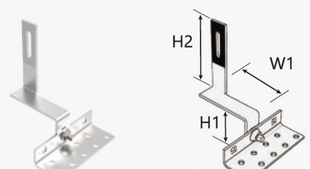
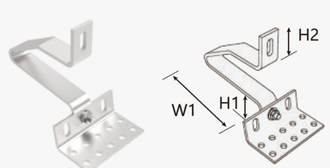
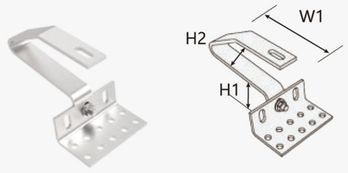
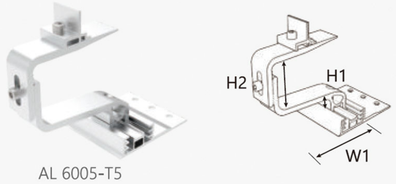
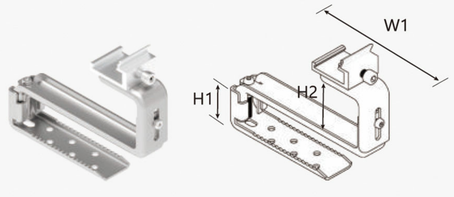
Item	Material
SUS304	AL 6005-T5 + SUS 304

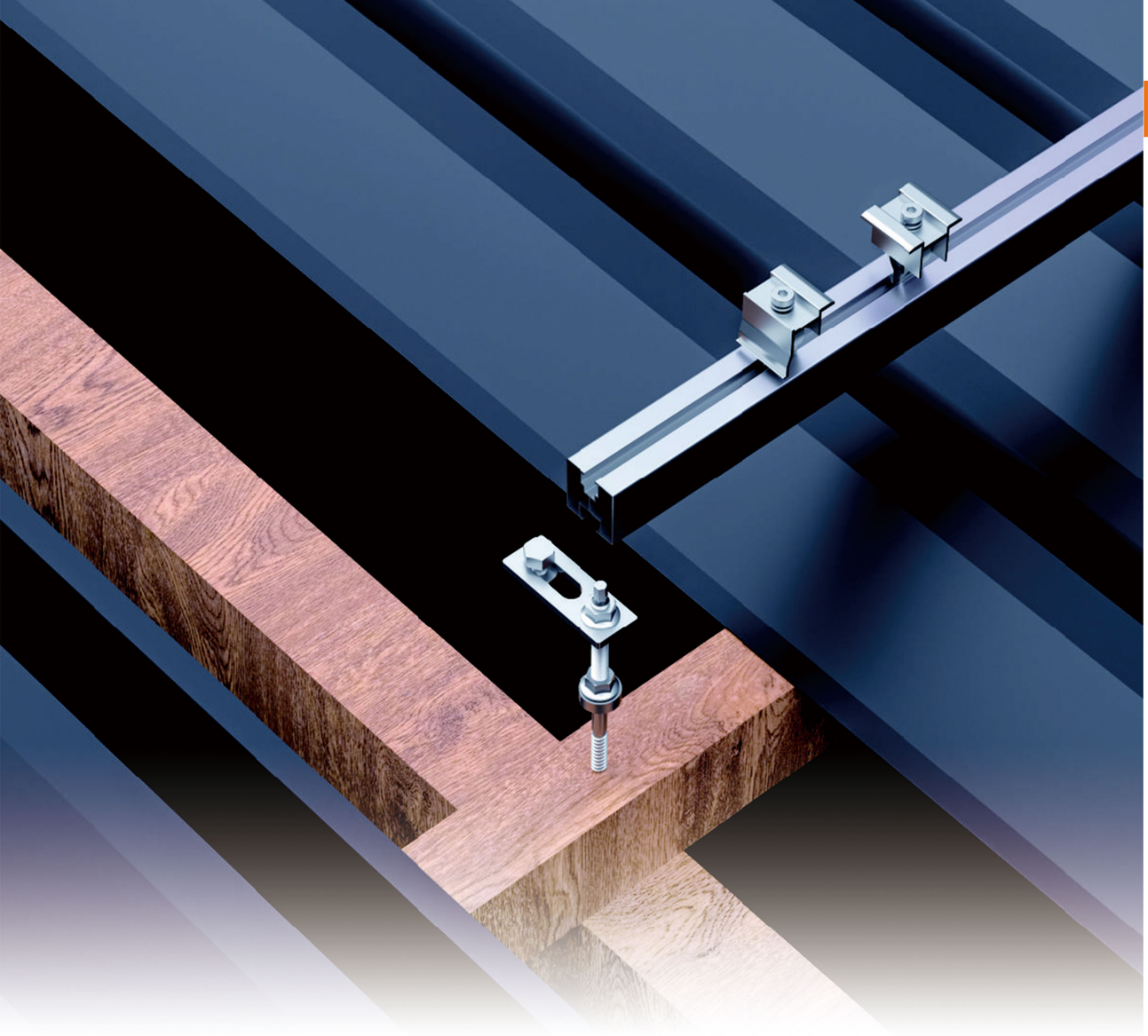
Parameters

Material:	AL6005-T5,SUS304 / SUS410
Surface treatment:	Anodized
Module:	Framed
Module orientation:	Landscape and portrait
Applicable module thickness:	30mm-40mm
Warranty:	30 years

Tile roof hooks

Type No.	Image&Technical	Dimension(mm)
RH-0001	 SUS 304	H1=51 H2=120 W1=106
RH-0009	 SUS 304	H1=45~82 H2=85~100 W1=115
RH-0016	 SUS 304	H1=32 H2=74 W1=183
RH-0018	 SUS 304	H1=44~51 H2=120 W1=150
RH-0036	 SUS 304	H1=40~51 H2=65~94 W1=115

Type No.	Image&Technical	Dimension(mm)
RH-0037	 SUS 304	H1=53~60 H2=120 W1=76
RH-0801	 SUS 304	H1=47~60 H2=65 W1=140
RH-0802	 SUS 304	H1=47~60 H2=57 W1=140
HA-0302	 AL 6005-T5	H1=47 H2=61-81 W1=132
RH-0201 & VB-8001	 MAC steel	H1=30-45 H2=50-70 W1=180



Hanger Bolt Mounting System

- **Creative clamp mount by push into rails directly.**
- **Special clamp clip could offer adjustable height.**
- **Fast and simple installation, wooden rafter and steel purlin options.**

1.Hanger bolts for steel purlin

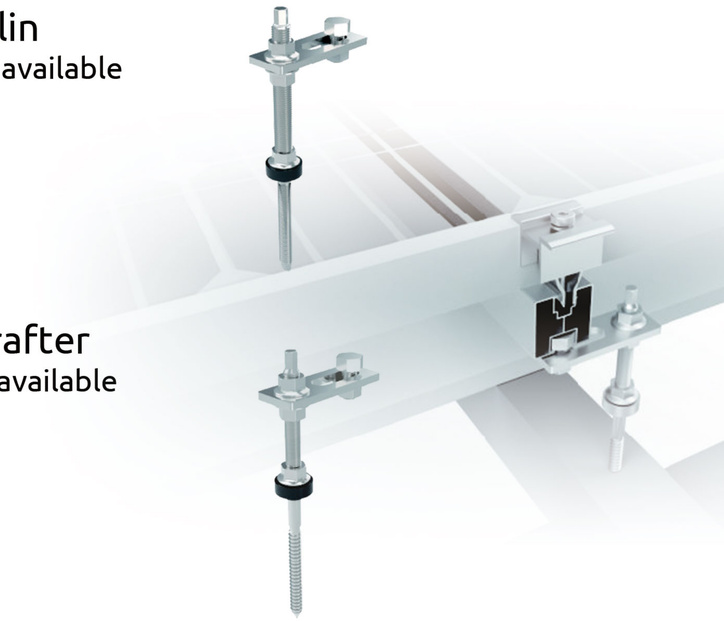
Matching M10 adapter plates are available

Material
Nickel-iron alloy
Type
M10*Length200mm

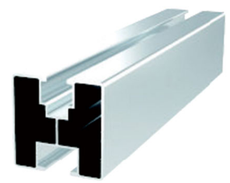
2.Hanger bolts for wooden rafter

Matching M10 adapter plates are available

Material
Stainless steel
Type
M10*Length200mm
M10*Length250mm
M10*Length300mm



Rail



Width	Height	Material
40mm	40mm	AL 6005-T5

Long rails available for cutting to customized sizes

Mid &End Clamps

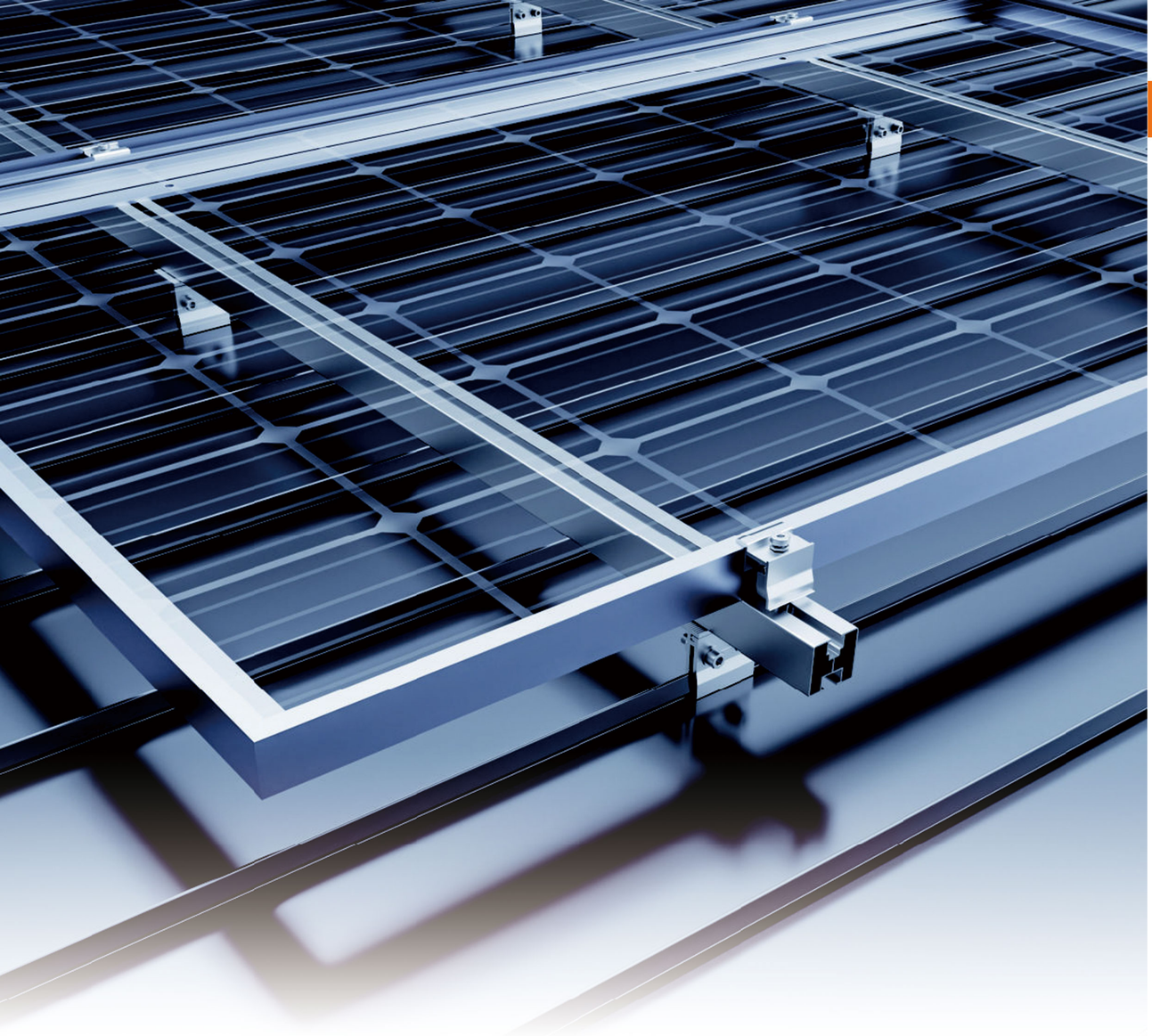
Material
AL 6005-T5

Universal module clamps

Parameters

Material:	AL6005-T5,SUS304 / SUS410
Surface treatment:	Anodized
Module:	Framed
Module orientation:	Landscape and portrait

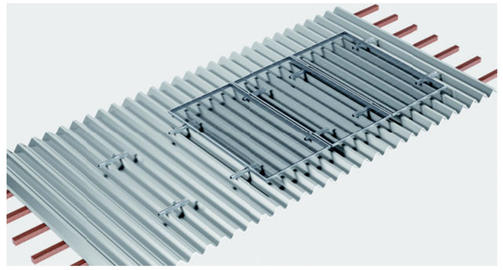
Length of hanger bolt:	200mm and customized
Diameter:	M10/M12
Warranty:	30 years



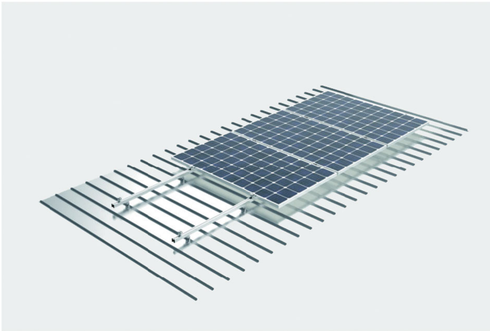
Standing Seam Roof Mounting System

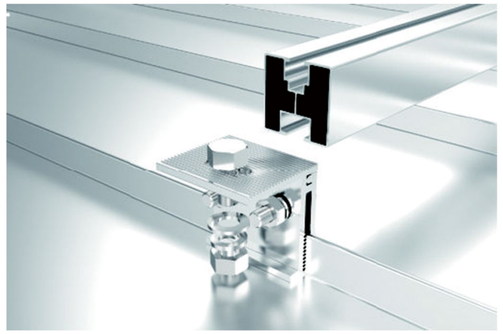
- Various roof clamps for different metal roof applications.
- Both rail or rail-free solution is available for specific need.
- Light weight system for quick and easy installation.

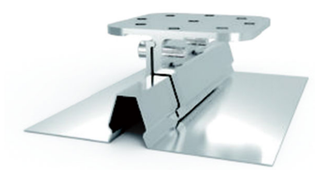
Railless solution



Rail solution

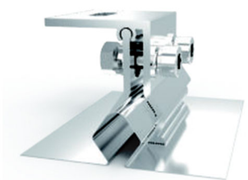






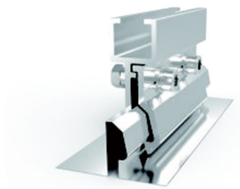
Item No.	Opening dimension
RF-0007	20.96mm

Item No.	Round seam dimension
RF-0008	17.8mm



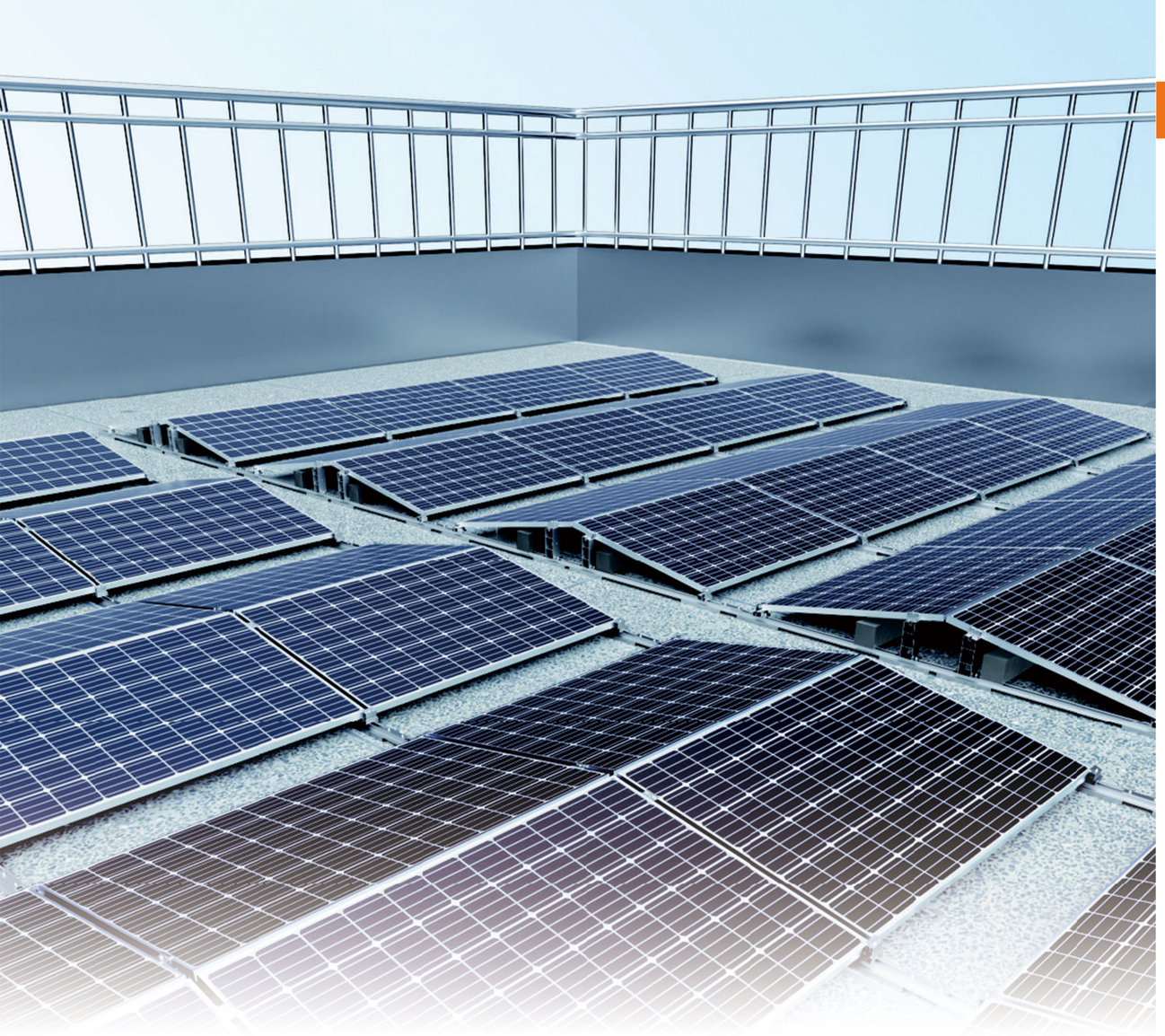
Item No.	Opening dimension
RF-0016	18.5mm

Item No.	Opening dimension
RF-0027	5.32mm



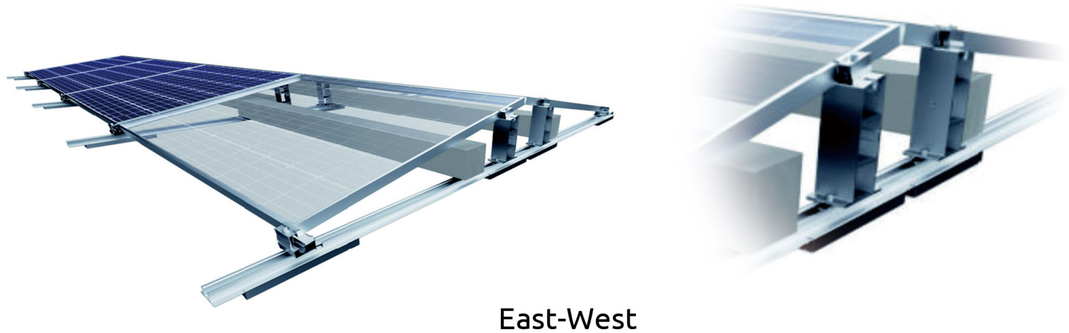
Item No.	Opening dimension
RF-0036	12.63mm

Item No.
RF-0042



Ballast Roof Mounting System

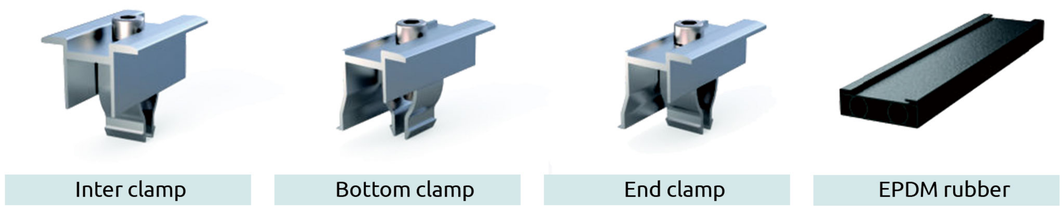
- Non-penetrating aluminum structure won't cause any roof damage
- Available in both East-West and South layout
- Maximum pre-assembled to save construction time and cost



East-West

South layout

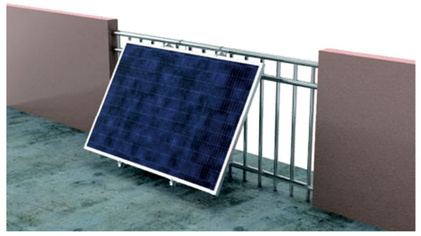
Components



Universal Easy Solar Bracket

- **Adapt to multiple scenarios: garden, balcony, railing, wall, etc**
- **Modular design with plug and play connection, quick and easy installation**
- **Adjustable angle manually to adjust the PV module angle for more energy generation.**

Multiple scenarios

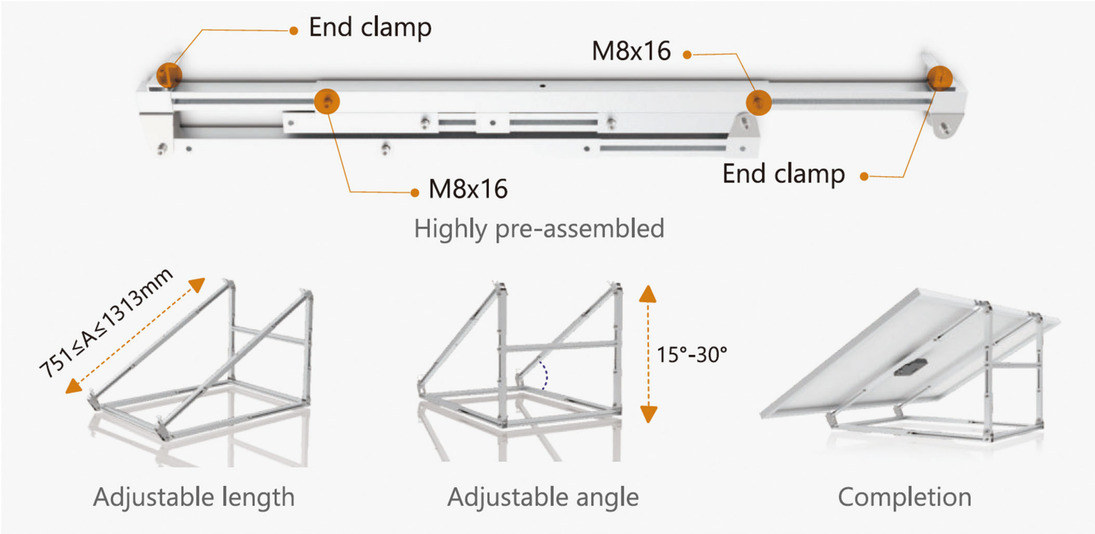


Balcony

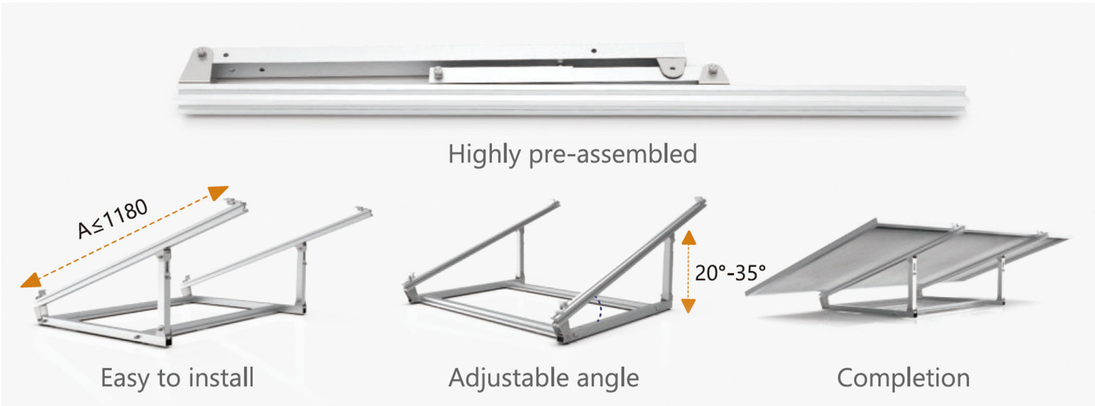
Flat roof

Garden

Universal Easy Solar Bracket-UV 2.0



Universal Easy Solar Bracket-UV 3.0



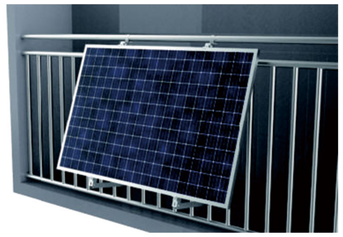
Universal Easy Solar Bracket -JL 1.0

- **Simple and most economical solar application.**
- **Lightweight and stable aluminum alloy solar structure.**
- **Suitable for multiple scenarios including garden, balcony, railing, walls and etc.**

Multiple scenarios

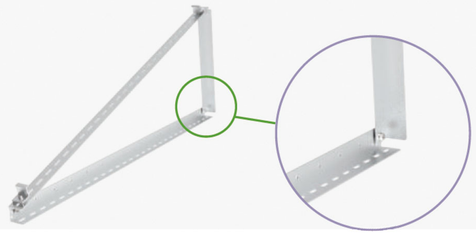
Balcony

Flat roof



Garden

Great flexibility to be adjusted at the best angle for maximum generation output



Quick assembly with the included stainless steel fasteners and precise pre-drilled holes

Lightweight system, ideal for easy installation and transportation

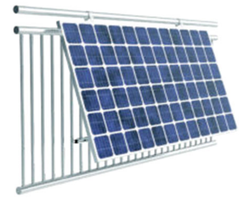
Parameters

Material:	AL6005-T5,SUS304	Gross weight per bracket:	≈6.3kg
Length of solar module:	<2200mm	Width of solar module:	A≤1340mm
Module:	Framed	Warranty:	30 years
Thickness of solar module:	30mm-50mm	Adjustable angle range:	15-28°

Balcony Easy Solar Bracket -BC 2.0

- **Flexible fixing method, can be placed on the balcony with railing or wall.**
- **Highly anti-corrosion 6005-T5 aluminum alloy and robust 304 stainless steel.**
- **Completely pre-assembled, simply unfolded and secured to the balcony for Installation.**

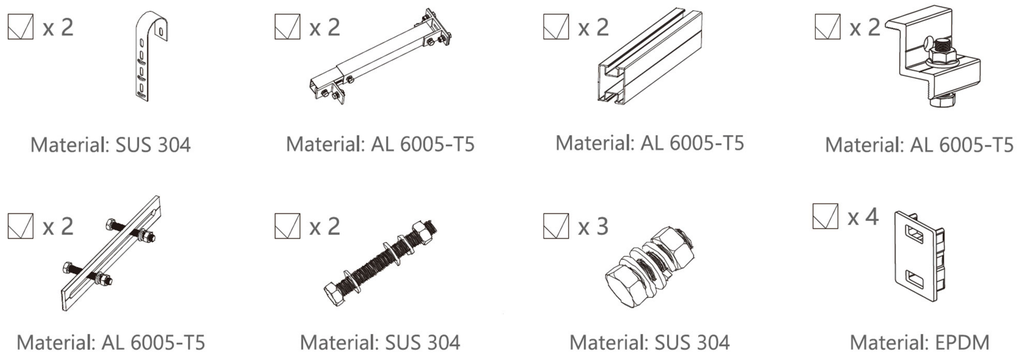
Application scenarios



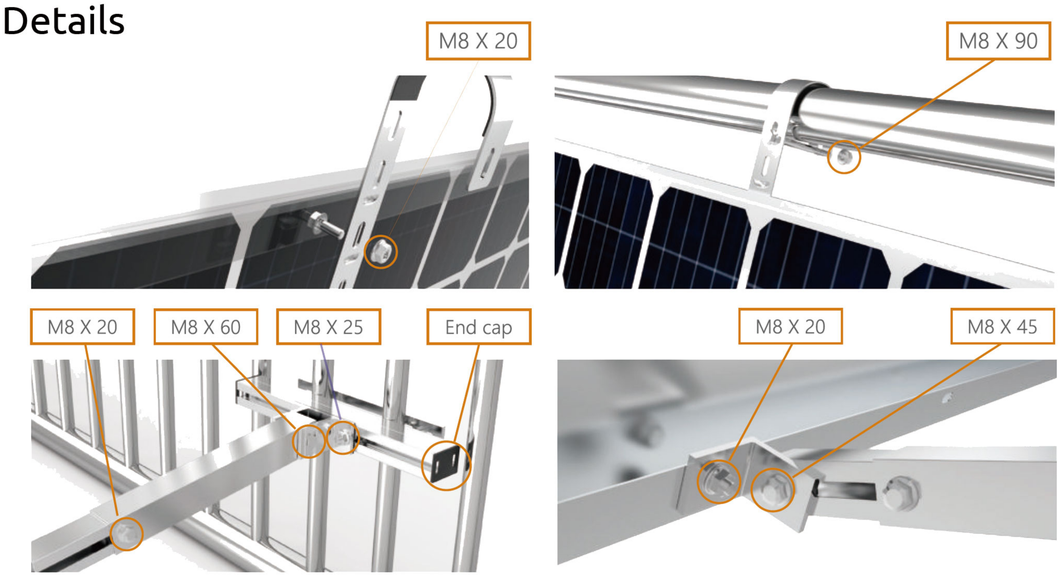
Fixed on balcony with adjustable tilt 15°-30°

Fixed on balcony with 0°

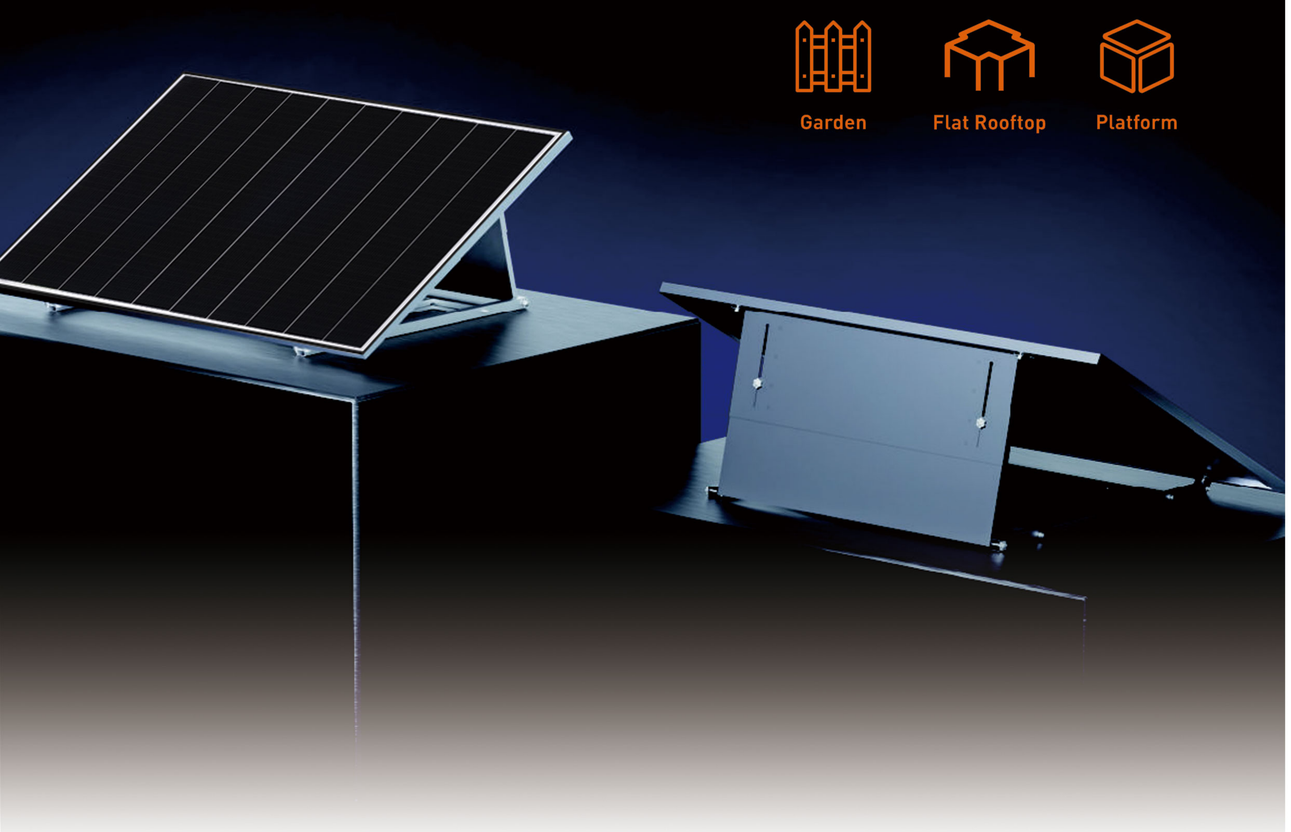
Components



Details



Plug and Play Solar Kit



Our Solar Kit is a plug-and-play system composed of solar panel, micro inverter and angle-adjustable bracket, which can be installed by yourself. Modular design without extra commission enables quicker and easier installation, the angle of the bracket can be adjusted to obtain the maximum power generation.

All-In-One design

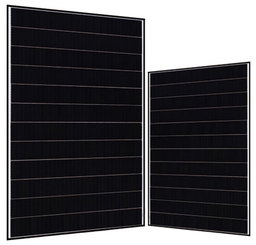
Integrated with micro inverter, solar panel and bracket
Portable and foldable for multiple application.

Easier installation

Play and plug connection, no requirement for professional installation, saving labor costs

ECO DELTA

Standard Configuration



Solar module

Solar Bracket

Micro Inverter

Optional configuration

Power Meter

AC Extension Cable

IP67 Waterproof Socket

Data transfer units

Parameters

Solar module	
Power:	410W
Module efficiency:	20.9%
Current at maximum power:	10.57A
Glass:	3.2mm coated tempered glass
Frame:	Anodized aluminum alloy frame
Dimension:	1719 X 1140 X 30 mm
Weight:	21kg

Micro Inverter	
Recommended module power:	300Wp-730Wp+
Maximum Input current:	20A x 2
Rated output power:	600VA/799VA
Rated output current:	2.6A/3.5A
Output voltage/range:	230V/184V-253V
Dimensions:	A≤1340mm
Weight:	2.8kg

AC Extension Cable	
Length of Cable:	2/3/5/10 m optional
Rated Voltage:	AC 230 V
Certificate:	CE

General Parameter	
Environment protection rating:	IP67
Operating ambient temperature range:	- 40 °C to + 65 °C
Relative humidity:	0 - 100 %

Easy Solar Kit

Garden Flat Rooftop Platform

Suitable For Flexible Adjustment

lt can be adjusted through angle tilt (20°-35) to obtain more energy according to local installation environments

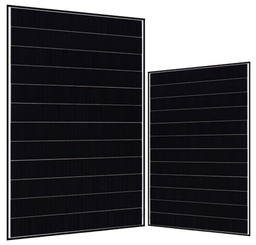
Suitable For Multiple PV modules

Width of PV module: <1180mm Thickness of PV module: 28-45mm

Our Easy Solar Kit is composed of solar panel, micro inverter and angle-adjustable bracket, which is highly pre-assembled for achieving home energy independence. Aluminum structure is lightweight and easy to install on various scenarios such as balcony, wall, railing or any open place.

ECO DELTA

Standard Configuration



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