Renesola Adjustable Triangle Solar racking system

Renesola Adjustable Triangle Solar Racking System is a high efficient and flexible product for tilt installation of PV modules on flat roofs or other kinds of flat structures. Combining with the other additional parts, the system can be easily applied on flat tin roofs or flat concrete roofs. With the clever design, the Triangle structure can be folded perfectly during transportation and unfolded quickly during the installation on site. With the adjustable back leg, the tilt angle of the triangle frame can be adjusted, and the PV modules can be installed in the best angle on site. Saving you lots of time and money, Renesola Adjustable Triangle solar Racking System can be your best choice for economy and safety.

Key Benefits

Handy Installation:

Thanks to the clever design and strict quality control, the products can be easily and quickly unfolded to the right angle, making the installation much more efficient.

Tilt Angle adjustable:

For the best generating efficiency, the system can be adjusted to the right tilt angle on site by adjusting the length of the triangle frame's back leg.

Great Durability:

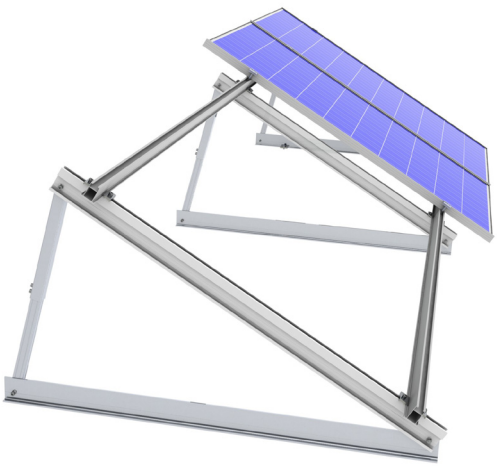
All the parts are made of high quality stainless steel and aluminum with anodized finish which are great at corrosion resistance and can provide durable service life in outdoor environment.

Excellent Adaptability:

Combining with the other additional parts or adapters, the products can easily be applied onto cement or metal sheet flat roofs.

Extensive Flexibility:

This System is compatible with any sizes of framed modules on the market, especially with Renesoal's modules and micro-inverter.



Specifications

Installation site	Flat roofs	Module type	Framed with any sizes
Roof slope	0°~10°	Module layout	Portrait
Roof cladding	Cement, metal sheets	Materials	Stainless steel and Anodized Alu.
Building height	Up to 20m	Standards	AS/NZS 1170, GB50009
Max wind speed	60 m/s	Warranty	10 years
Max snow load	1.4 KN/M2	Tile angle:	10~15 degree/15~30 degree/30~60 degree

10-year Product Warranty

25-year Service Life

AS / NZS 1170
AS 4040

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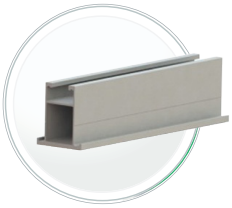
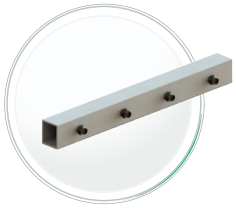
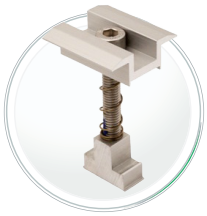
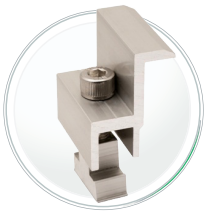
ReneSola

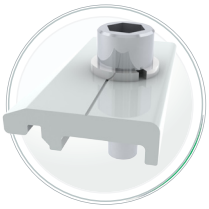

R-T1


SR-T1/300

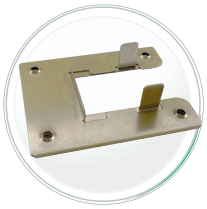

C-SM/H35-45


C-SE


RB-ATR 15/30


C-BR


CS-CC/L20


GS-GP/SR

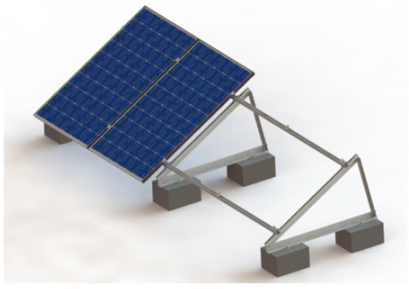

GS-GC/SR

Part No.	Part Name	Description
R-T1/length	T Rail	Supporting modules
SR-T1/300	Splice Group For T Rail	Connect 2 T rails, 300mm length
C-SM/H35-45	Middle Clamp Group (H35-45)	Clamp modules of 35~45mm thickness
C-SE	End Clamp Group	Clamp modules at the end of rows
RB-ATR 10/15 RB-ATR 15/30 RB-ATR 30/60	Adjustable triangle frame	Aluminum triangle frame, the tilt angle is adjusted in 3 ranges: RB-ATR10/15 :10º~15º RB-ATR15/30 :15º~30º RB-ATR30/60 :30º~60º
CS-CC/L20	Cable Clip	Clamp DC wires onto module's frame(stainless steel)
GS-GP/SR	Grounding Plate I	Conduct the module's frames and rails
GS-GC/SR	Grounding Clip Group	Conduct Rails with copper wires
C-BR	Bottom Rail Clamp	Clamp to fix the triangle frame onto interface base

Note: We provide 3 standard lengths of the T Rail (R-T1): 2100mm, 3200mm and 4200mm. We can also provide any other customized lengths of the rail.

Application Sites

Flat cement roofs, being fixed on the cement blocks by expansion bolts.



Combining with the suitable adapters or hangerbolts to fix onto the flat tin roofs.