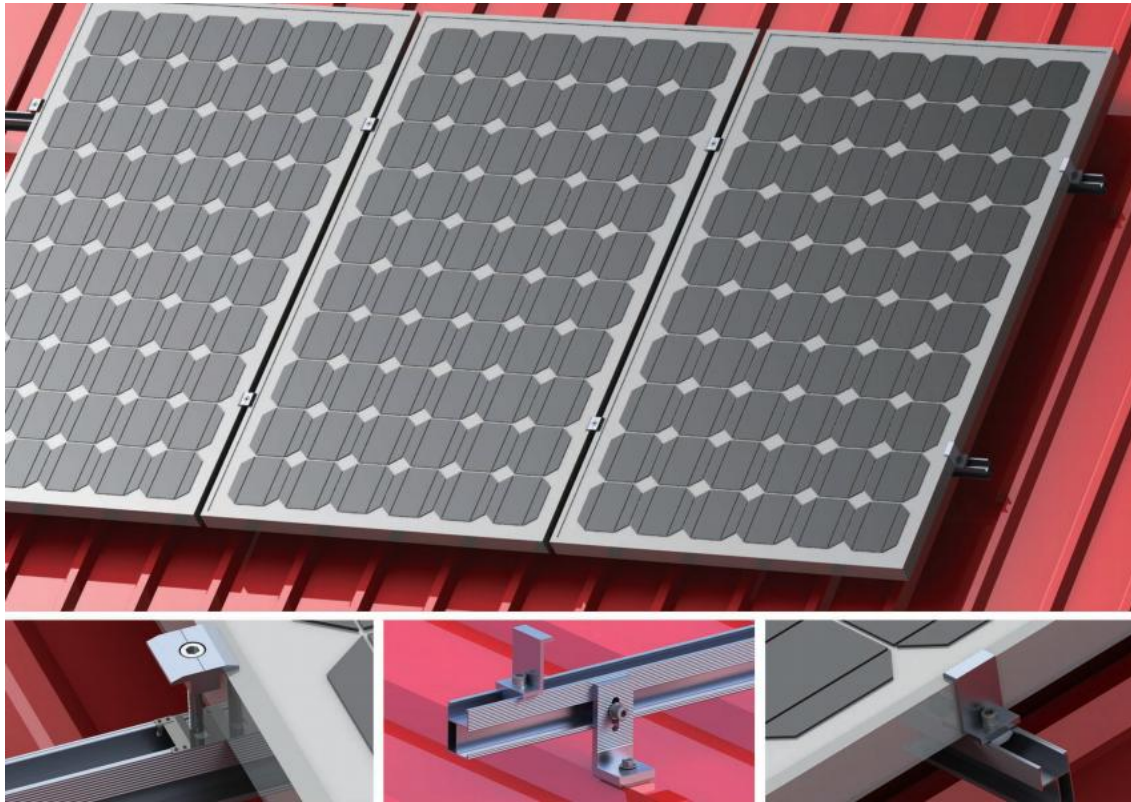


## SFS-PR01 (Tin Roof) Installation instructions










### Safety precautions

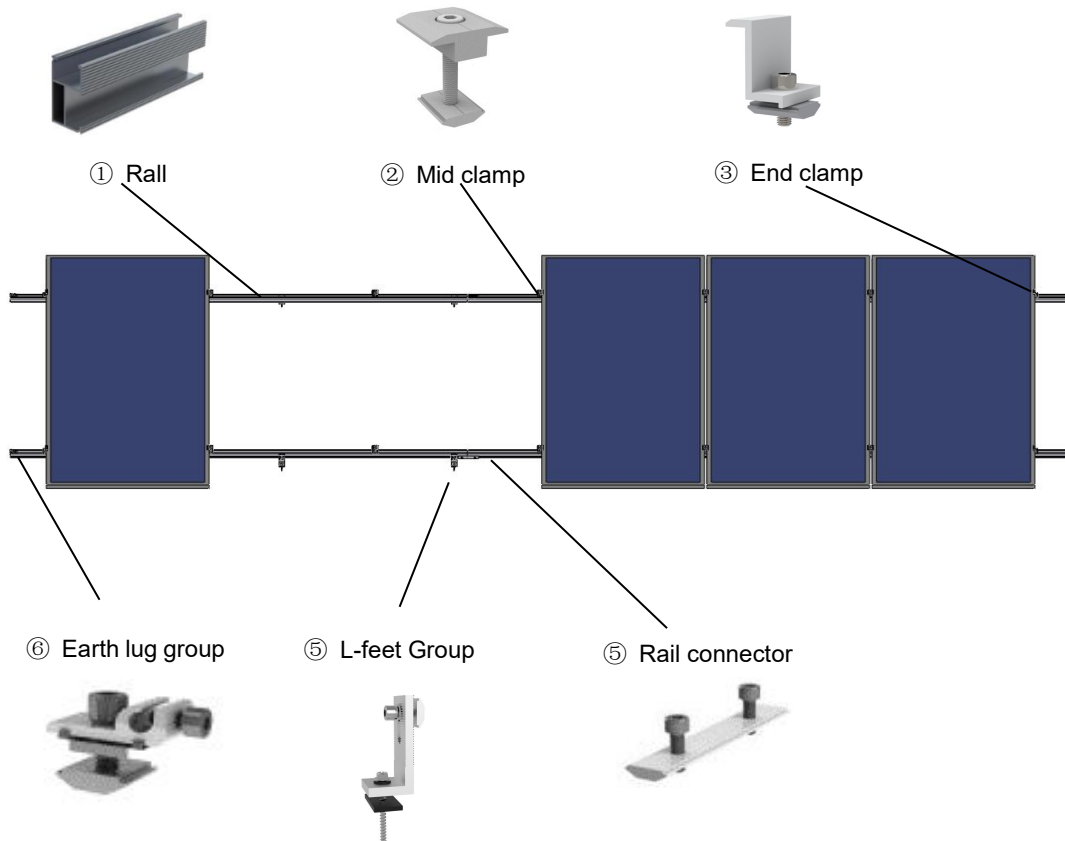
The installer shall comply with the following specifications:

- ◇ Comply with all applicable local or national building codes, including any that may supersede this manual.
- ◇ Please use the spare parts provided by our company and the installation tools you carry (if other spare parts are used to replace our spare parts for construction, our company will not be responsible for quality problems).
- ◇ Ensure that products such as aluminum support are suitable for specific installation and installation environment.
- ◇ How to recycle: according to local regulations.

## 1. Part diagrams

<p>① <b>SunRack Rail 8</b> (AL6005-T5)</p> 	<p>② <b>Mid clamp</b> (AL6005-T5)</p> 	<p>③ <b>End clamp</b> (AL6005-T5)</p> 
<p>④ <b>Rail connector</b> (AL6005-T5)</p> 	<p>⑤ <b>L-foot Group</b> (AL6005-T5)</p> 	<p>⑥ <b>Earth lug Group</b> (AL6005-T5)</p> 
<p>⑦ <b>Grounding clip</b> (SS304)</p> 		

## 2. Vista Previa



### 3.Tools



Glove



Power tool



Monkey wrench

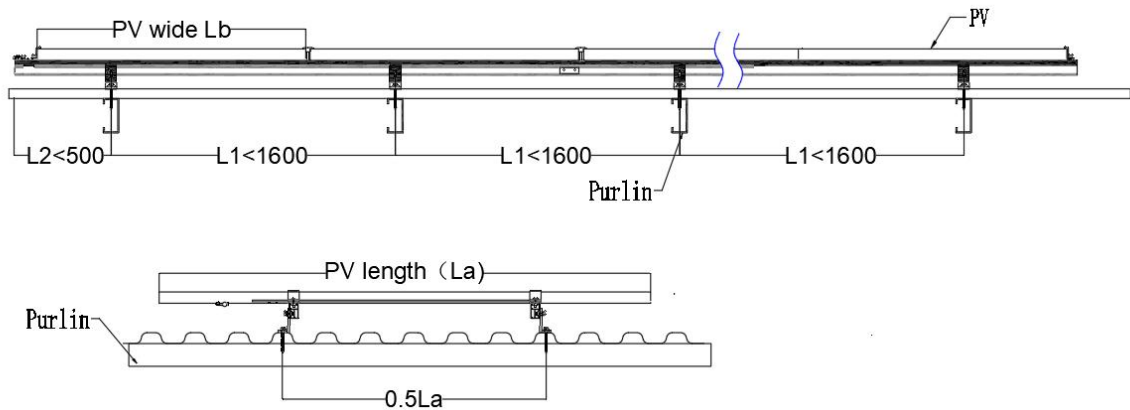


Meter ruler



Allen key

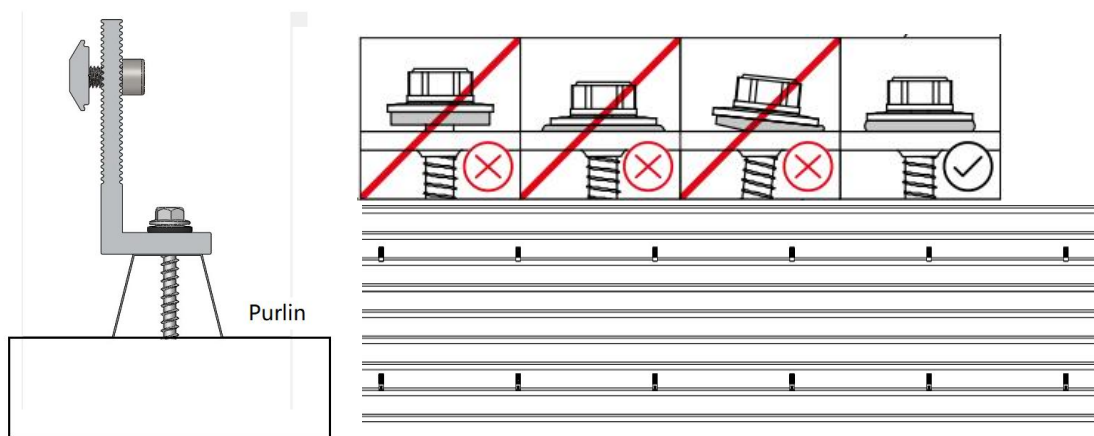
### 4.Layout Description



### 5.Installation instruction:

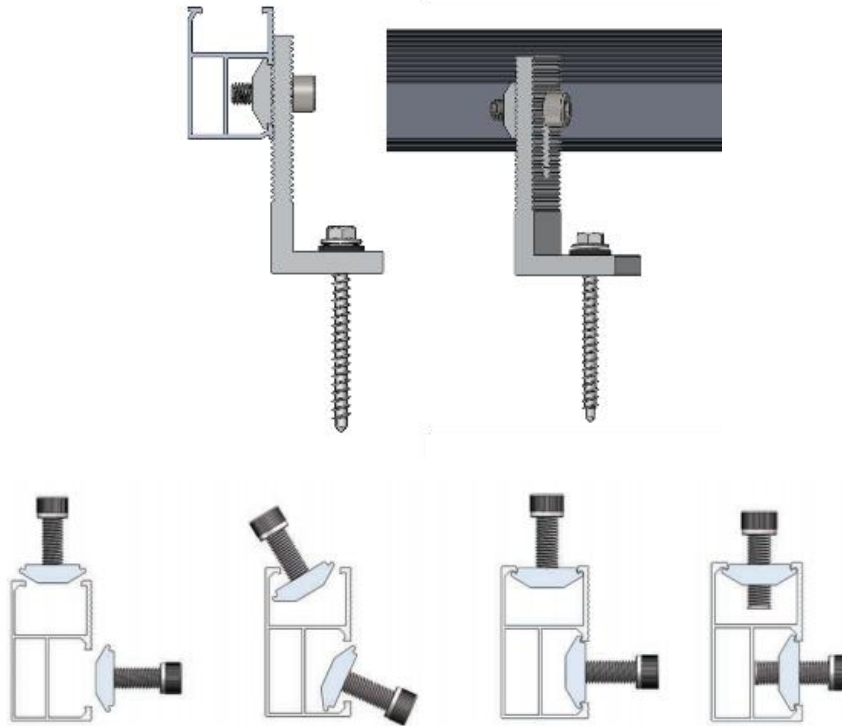
#### 1) Install L Feet

All L-feet groups shall be fixed on the purlin according to the dimensions of the above layout drawing and must be fixed to the purlin

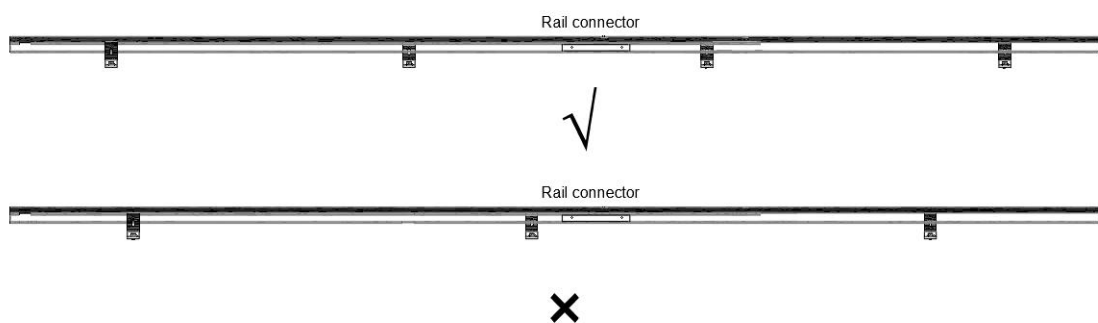


## 2) Rail installation

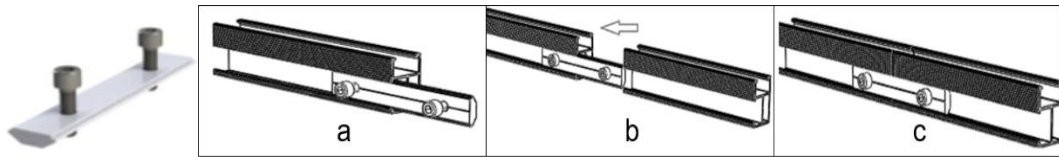
As reference, Install rail with N Nut-module. (Install torque 11N.m)



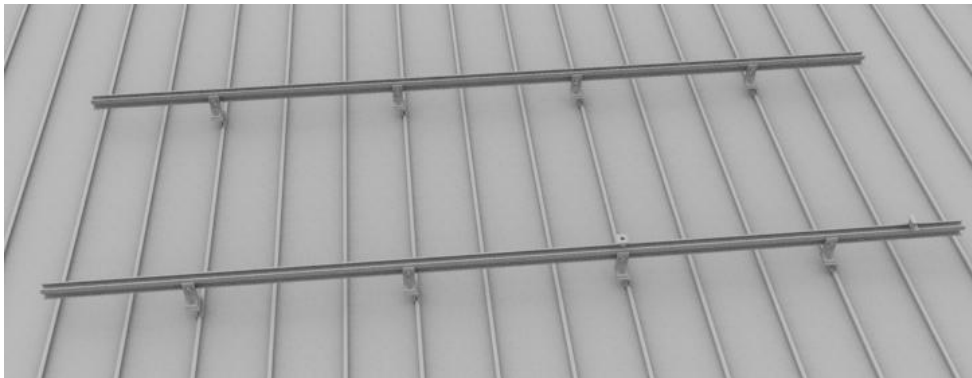
Note :Each rail must have 2 support point)



To connect multiple rails together, slide the splices on the rear side of the pre-assembled rails halfway to the side. Fasten the first M8 Allen bolt firmly using the Allen key. Now slide the next rail segment into the splice. Tighten the second M8 Allen bolt using the Allen key. The connection is finished. An expansion gap at the rail joints is recommended. For this purpose, leave a gap about the same width as a 2~3mm between the rail joints and then loosely tighten the M8 allen bolt (Install torque 8 N.m)

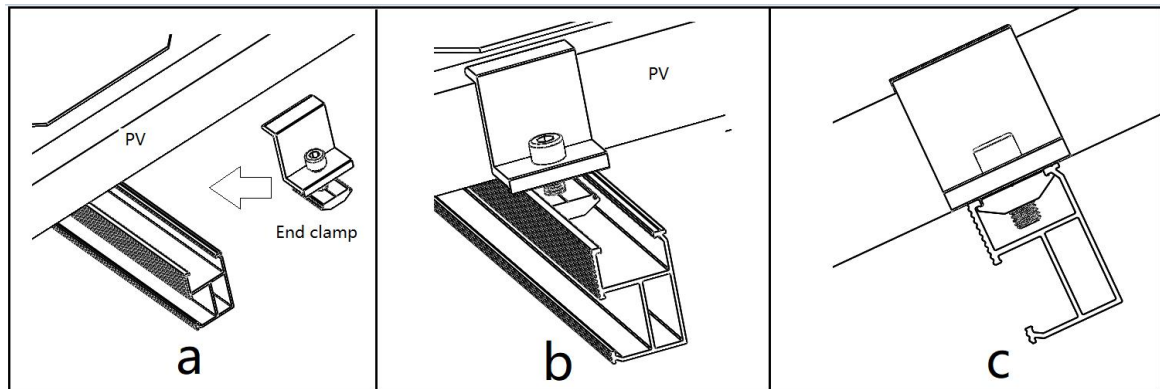


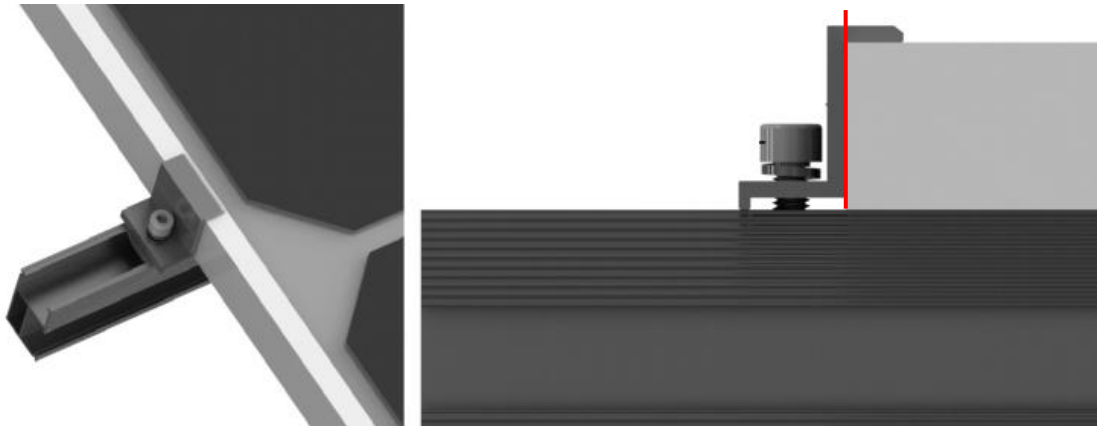
Install results are shown below:



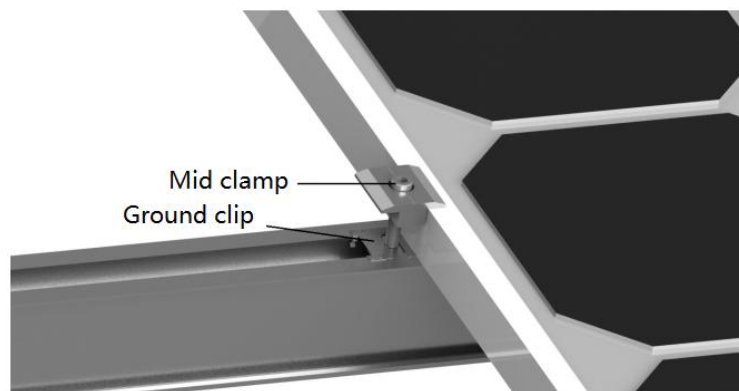
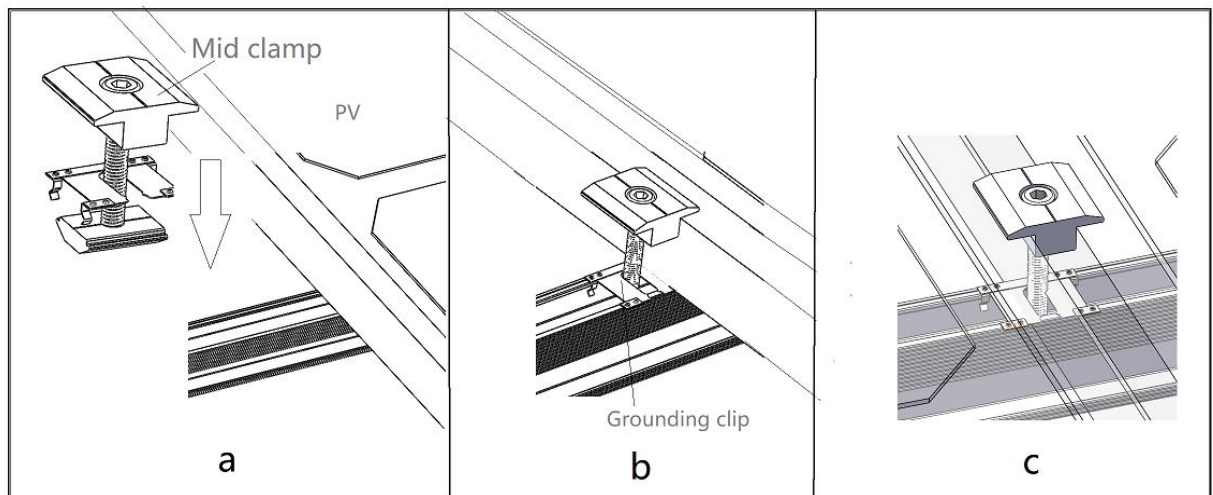
### 3) PV installation

As follow picture show to install end clamp (Install torque 11N.m)





As follow picture show to install Mid clamp (Install torque 11N.m)



#### 4) Earth lug installation

Install earth lug on the end of the rail (Install torque 11N.m)

