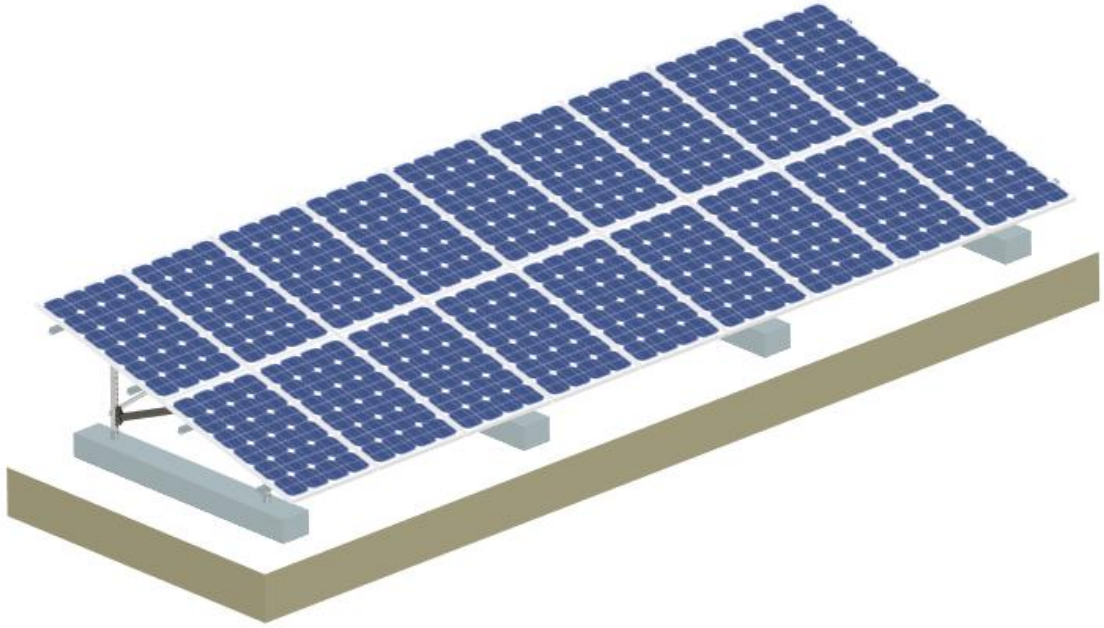





Ground Mounting System Operation Manual



Tools:			
Monkey wrench		inner hexagon spanner (M8, M10)	
Socket wrench (M8, M10)			

1.1 Foundation base construction

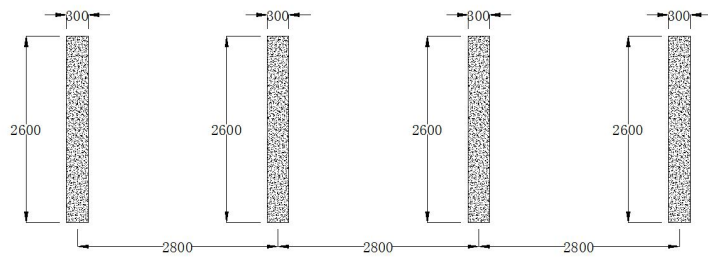
Please refer to **Foundation base drawing-J02**. Pay attention to M10x150 position.



单个复合基础

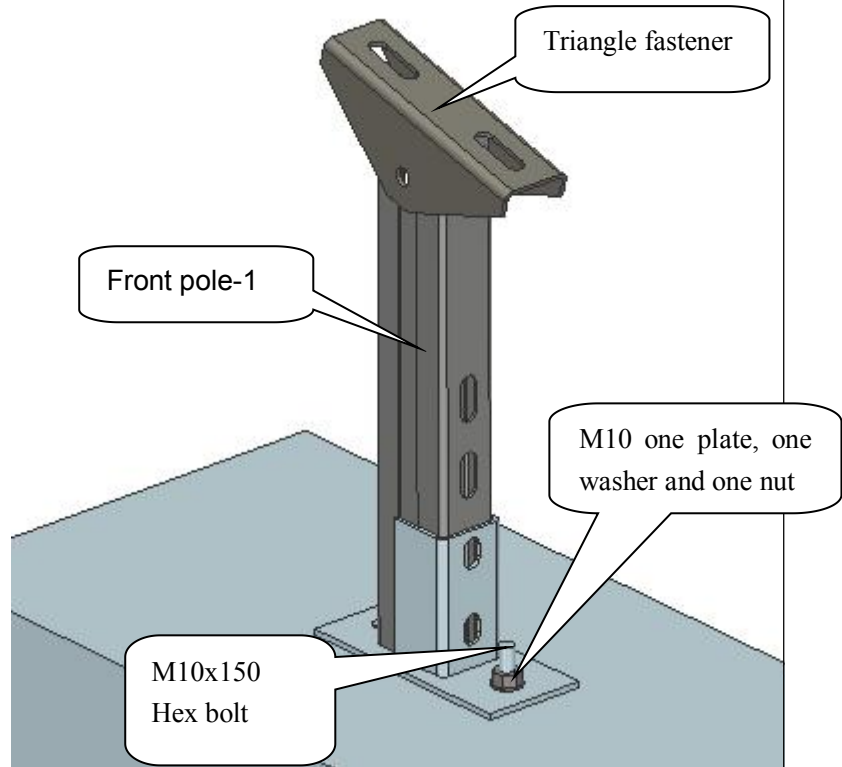
1.2 Foundation base array

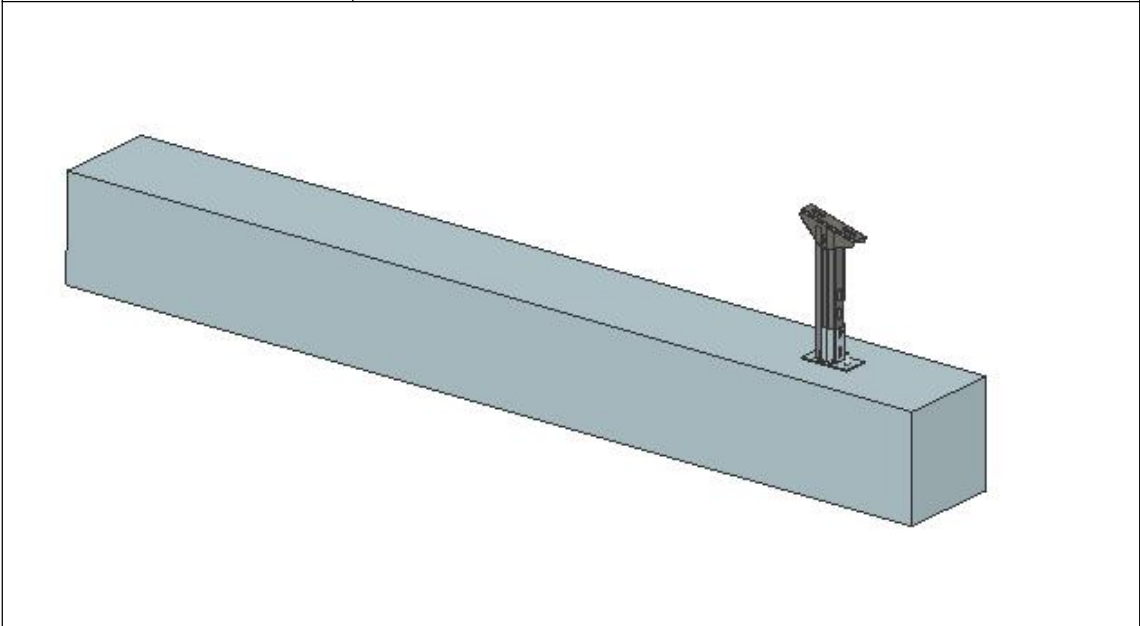
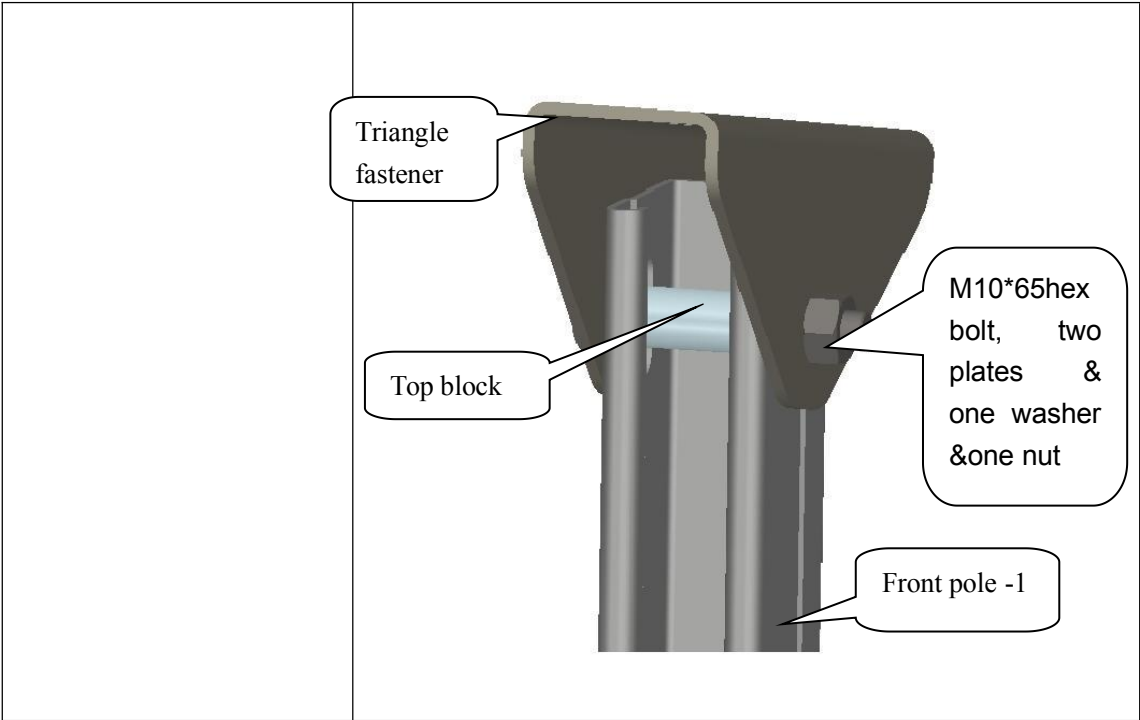
Please refer to **Foundation base arrangement-J03**



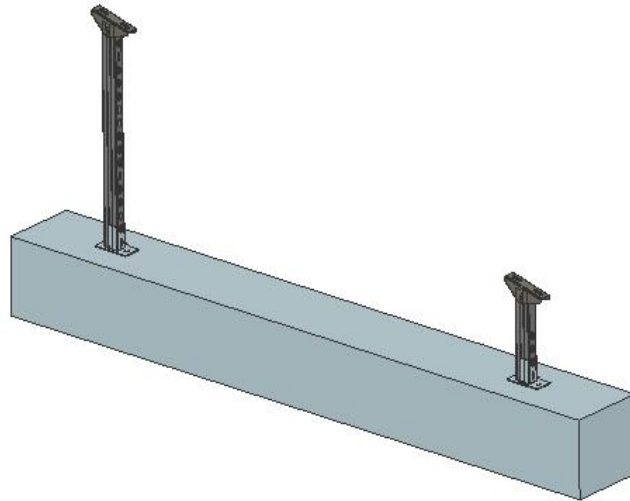
2X9-15

1.3 Front pole-1, triangle fastener and top block installation





1.4 Back pole-1, triangle fastener and top block installation

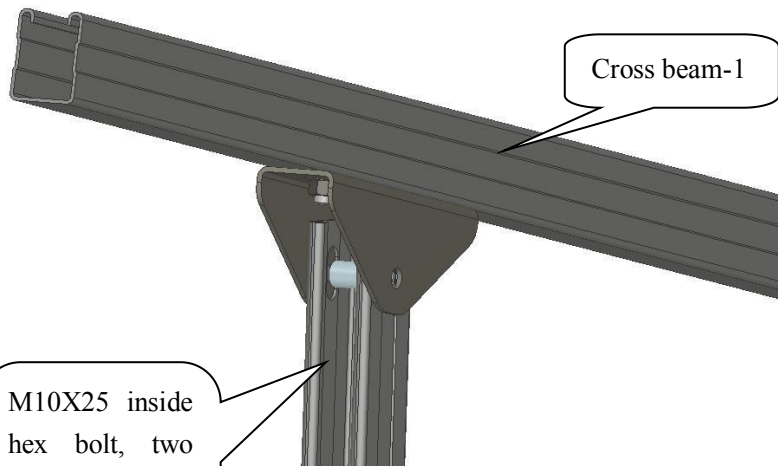
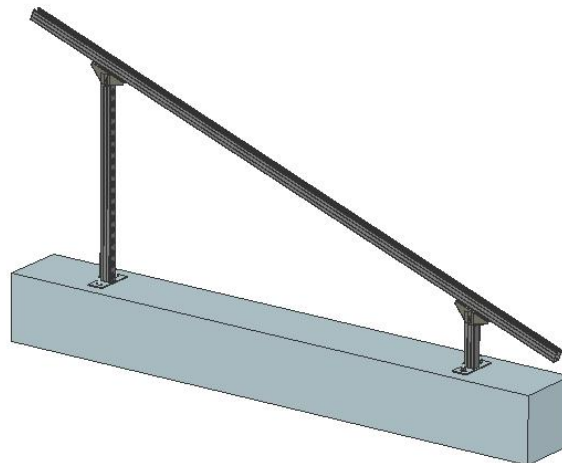


Please refer to front pole-1 installation

2.1 Cross beam-1 installation

Put cross beam on triangle fastener. Fix them with M10x25 inside hex bolt.

The position of cross beam please refer to Assembly drawing -J01

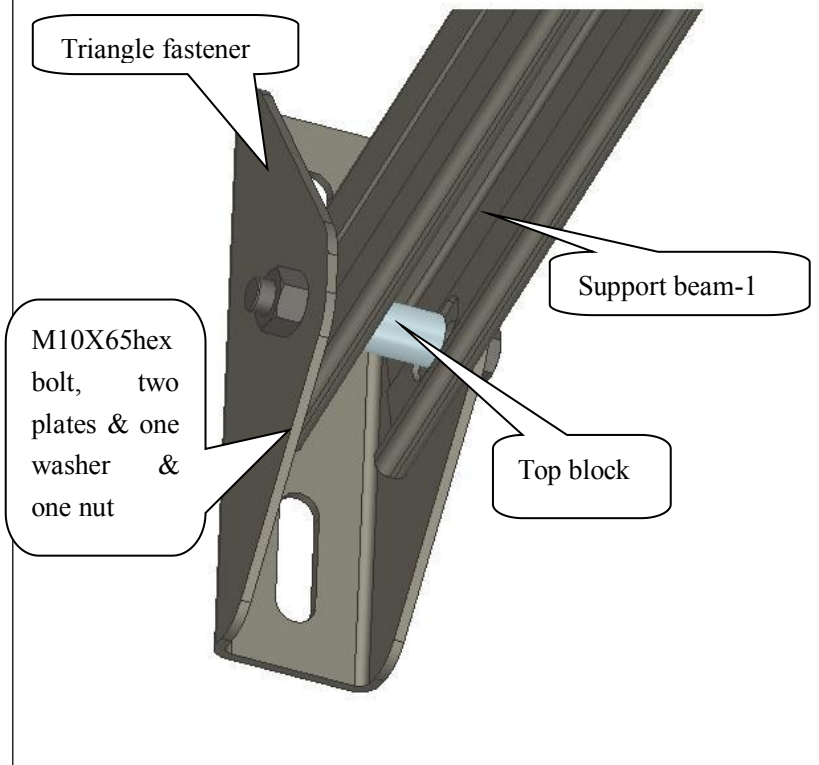
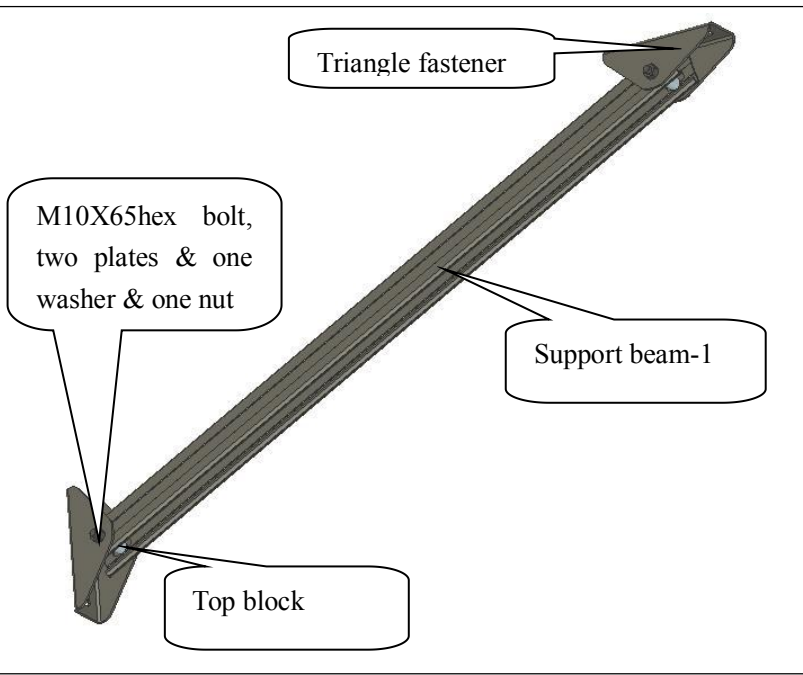


M10X25 inside hex bolt, two plates & one washer & one nut

3.1 Support beam -1

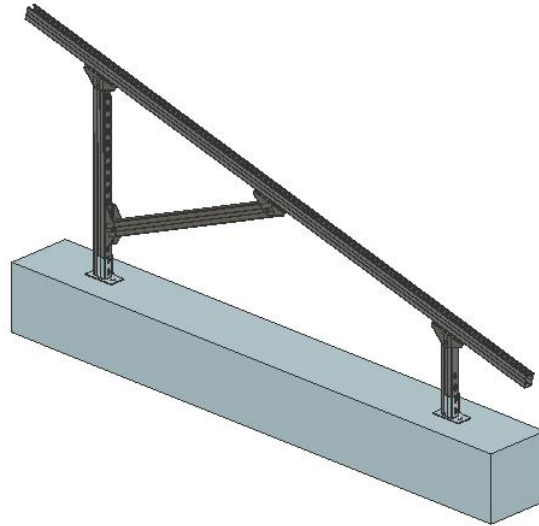
Pre-assembling support beam and triangle fastener. M10x65 outside hex bolt is used to fasten.

The position of support beam please refer to Assembly drawing-J01.



3.2 Support beam-1 installation

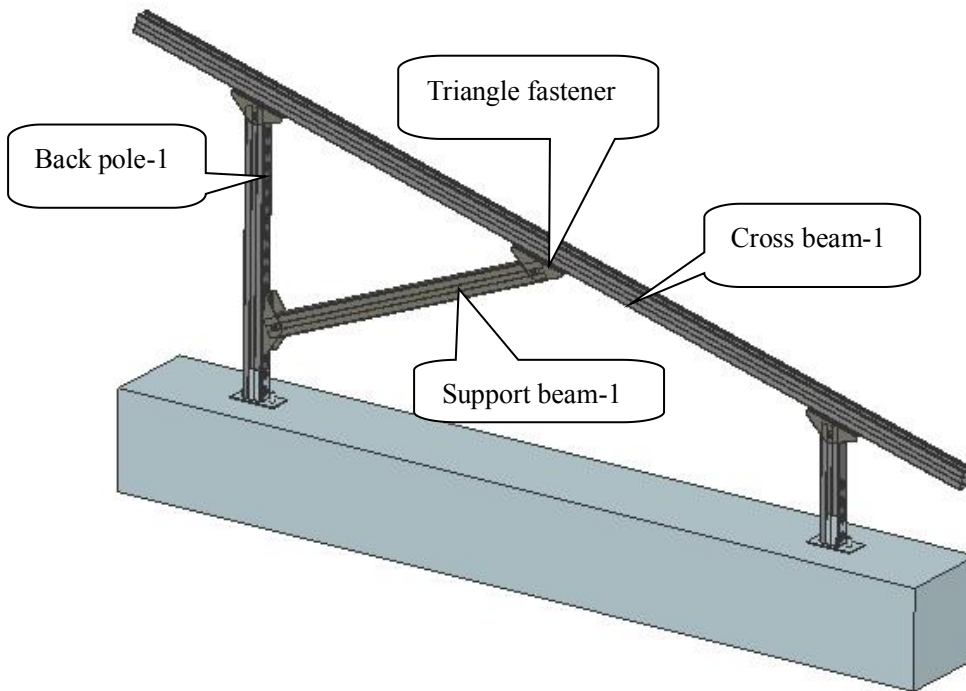
Fix pre-assembled support beam on back pole and cross beam. M10x25 inside hex bolts are used to fasten.

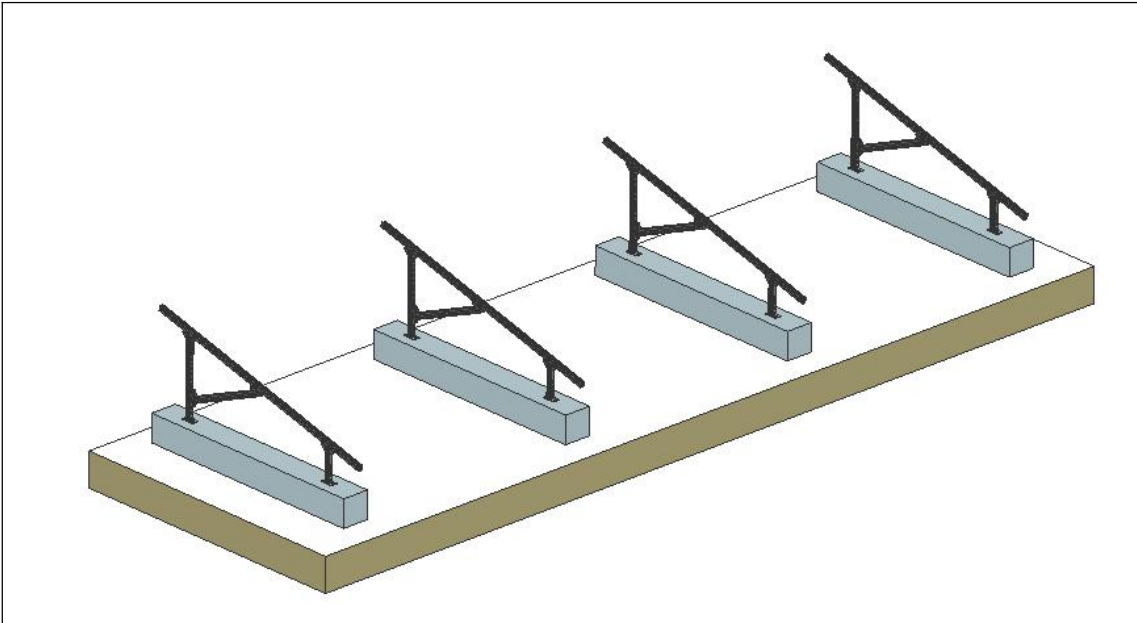


M10x25 inside hex bolt, two plates & one washer & one nut

Support beam-1

Back pole-1

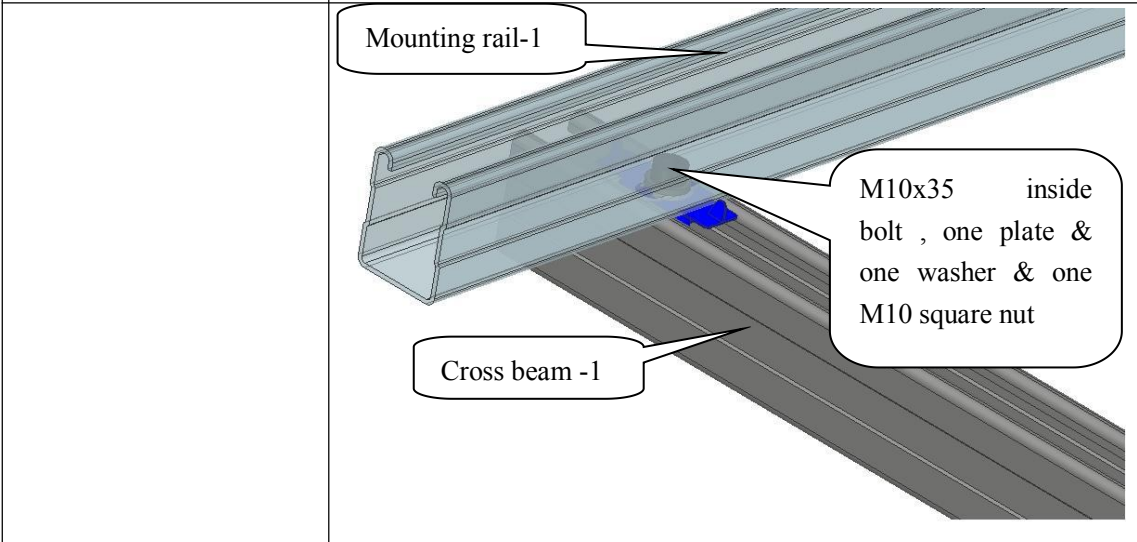
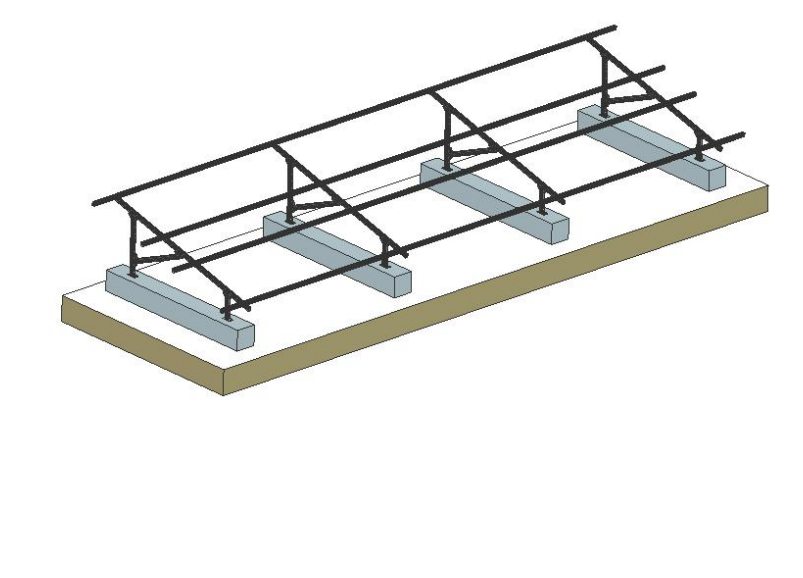




Fasten all the bolts when they are in a level.

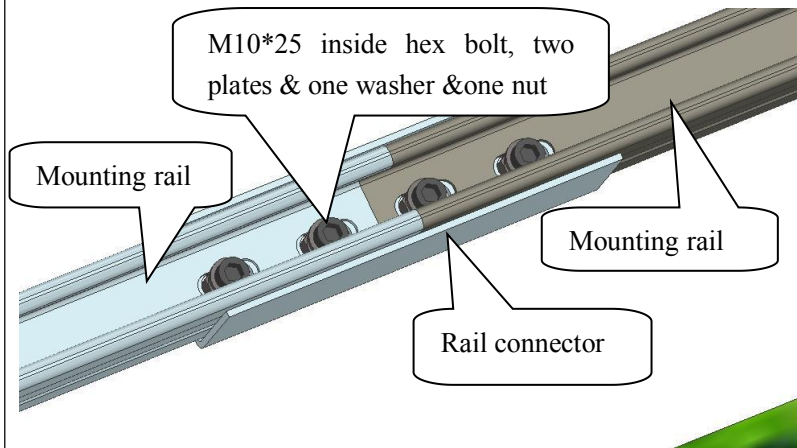
4.1 Mounting rail-1 installation (the position of mounting rail please refer to—Assembly drawing J01)

M10x35 inside bolt is used to fasten mounting rail on cross beam.
 The position of mounting rail please refer to Assembly drawing-J01



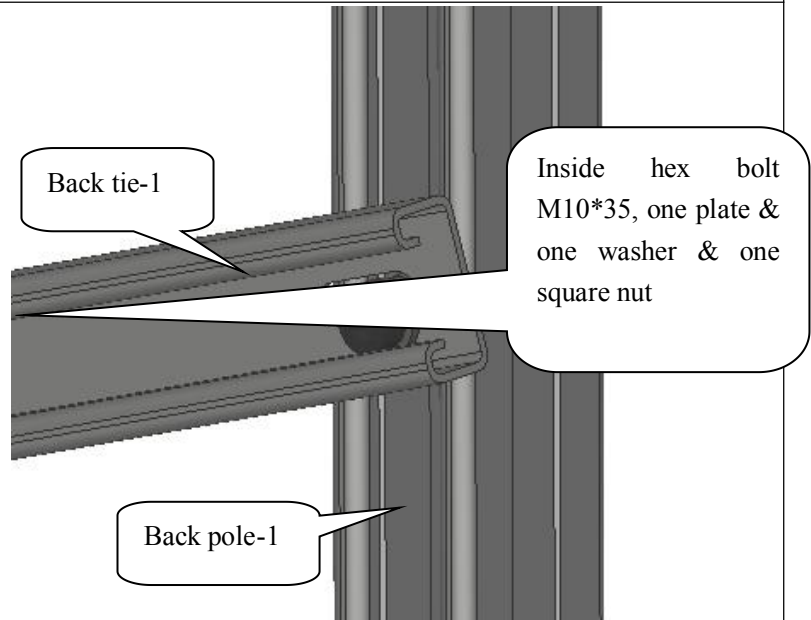
4.2 Mounting rail connecting

Fix two mounting rails with rail connector. 4 pcs M10x25 inside bolts are used to fasten.

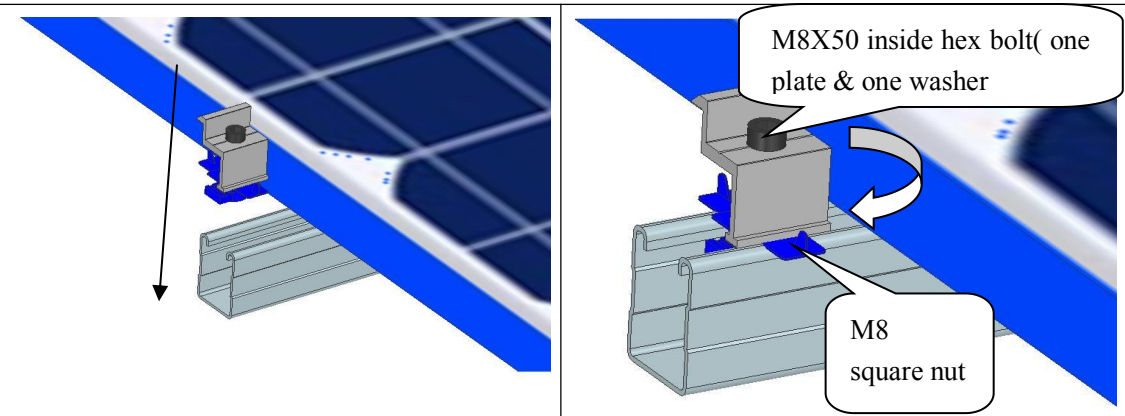


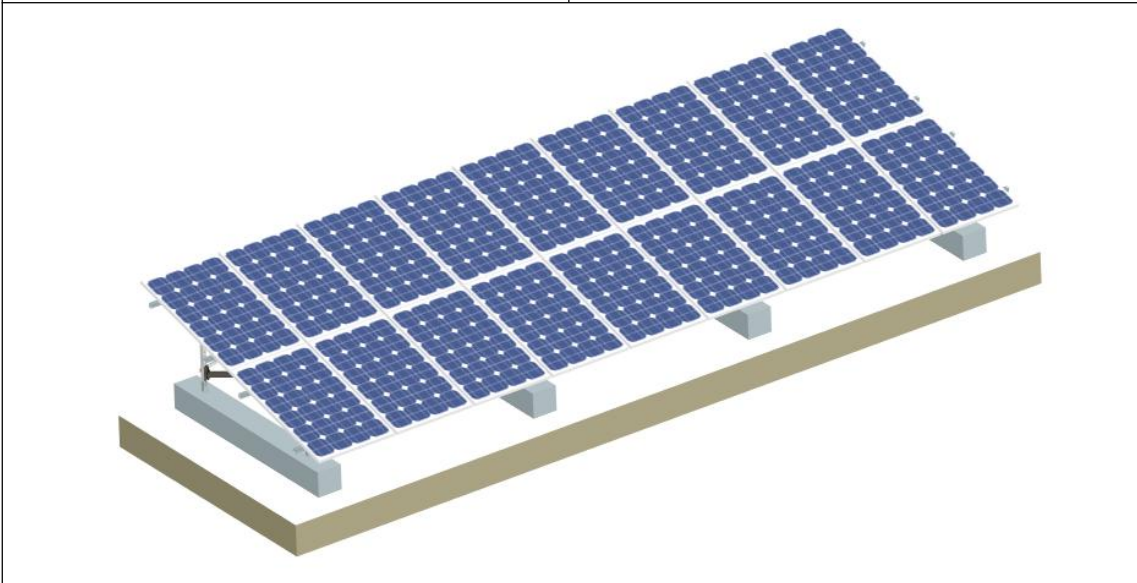
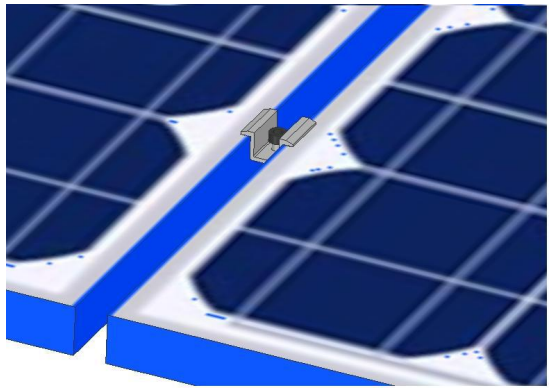
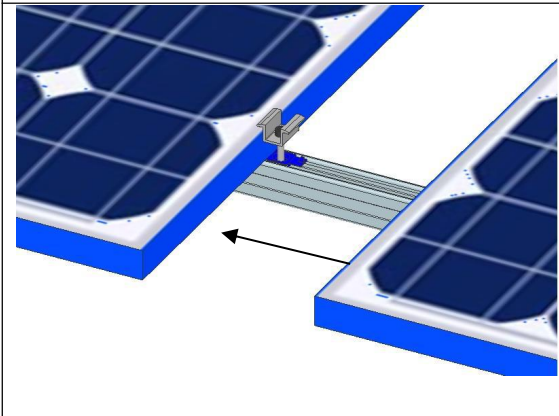
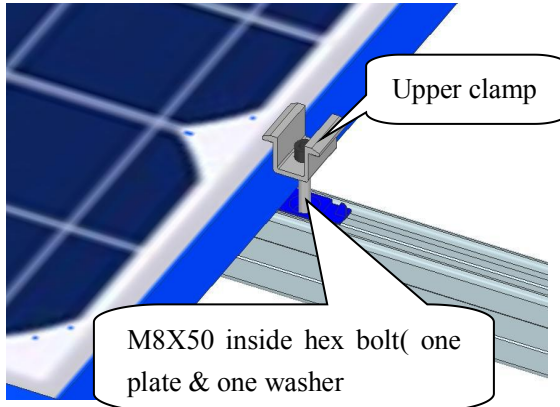
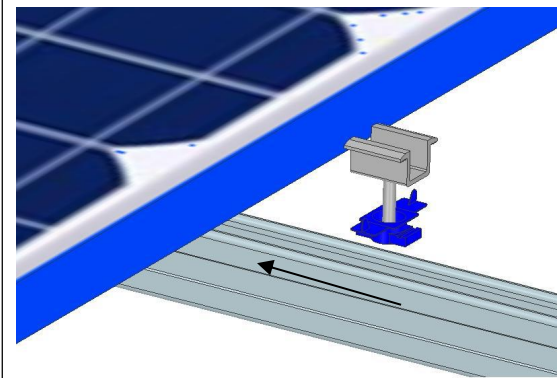
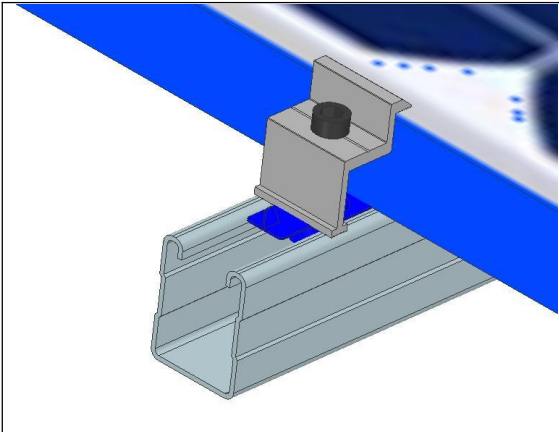
5.1 Back tie-1 installation (the position of back tie please refer to—Assembly drawing J01)

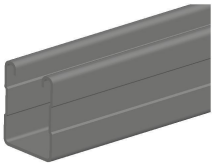
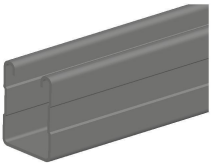
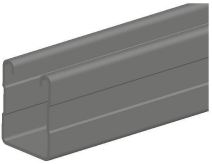
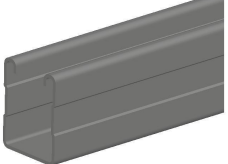
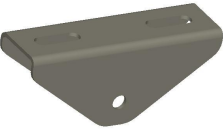
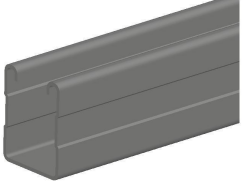
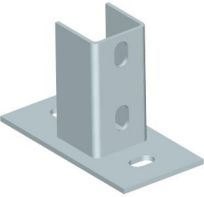
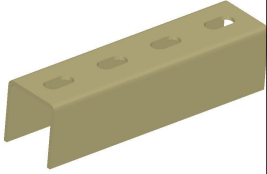
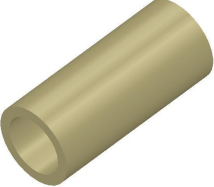
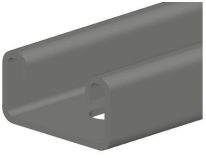
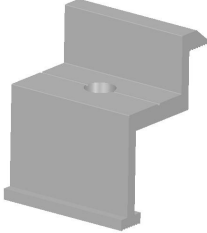
Back tie is fastened on the back pole



6.1 Solar panel installation (the position of solar panel please refer to—Assembly drawing J01)





Components			
Name	Picture	Name	Picture
Front pole 1 347mm		Back pole-1 850mm	
Cross beam-1 2800mm		Support beam-1 972mm	
Triangle fastener		Mounting rail-1 3100mm	
Foot base		Rail connector	
Top block		Back tie-1, 41*21*2885mm	
End clamp		Upper clamp	