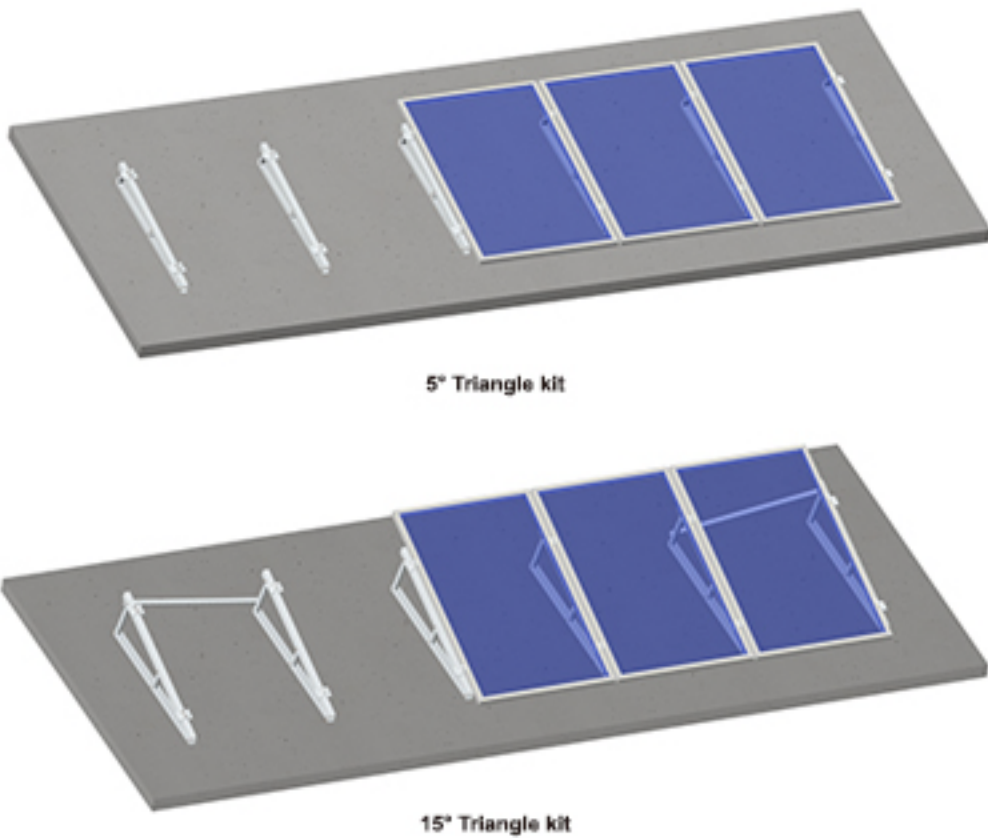


U Beam Triangle Kit Installation Guide



XIAMEN ART SIGN CO., LTD.



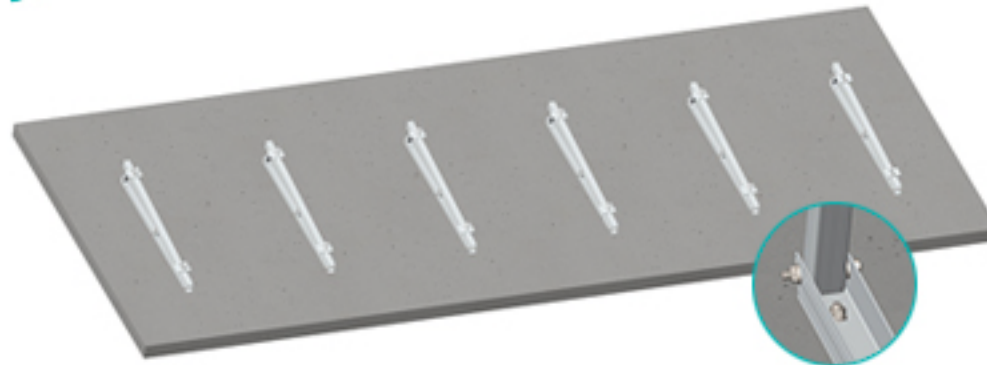
5° Triangle kit

15° Triangle kit

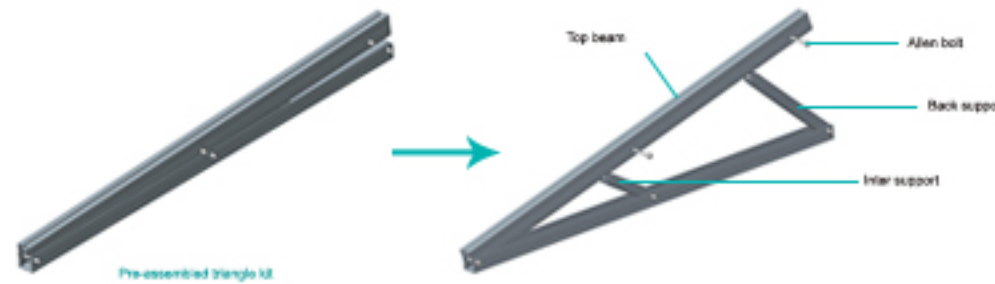
1 Components List

	AS-TK-03-05, AS-TK-03-D15 U beam triangle kit L=1250/1250/1420/83mm Anodized aluminium 9005-T5 Support the solar panels		AS-FTK-03-B-1064 Bracing L=1304mm Anodized aluminium 9005-T5 Reinforcing the triangle kit. MS 3*60 self-drilling bolt.
	AS-05-10-70 Anchor bolt M10*70 anchor bolt SUS 304		AS-SDB-4.3-40 Self-drilling bolt MS 3*60 Material: SUS 304
	AS-TK-ED End clamp Aluminum clamp length: 50mm Anodized aluminium 9005-T5 Fix both end of panel per array Allen bolt M8*25		AS-TK-MD Mid clamp Aluminum clamp length: 50mm Earthing lug: 30*45mm Anodized aluminium 9005-T5 Fix 2 panels together Allen bolt M8*25

2 STEP 1 Triangle kit position and installation

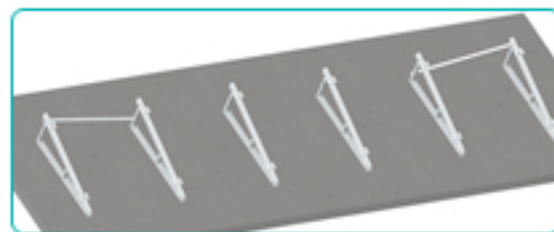


Place the triangle kit on the ground as the site request, open the triangle kit and then fix the bolt into ground with anchor bolt.

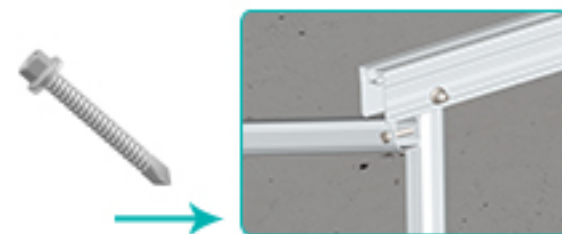


Open the pre-assembled triangle kit, screw the back support and inter support on the base beam of triangle kit, and then fasten the allen bolts completely and firmly.

3 STEP 2 Bracing installation

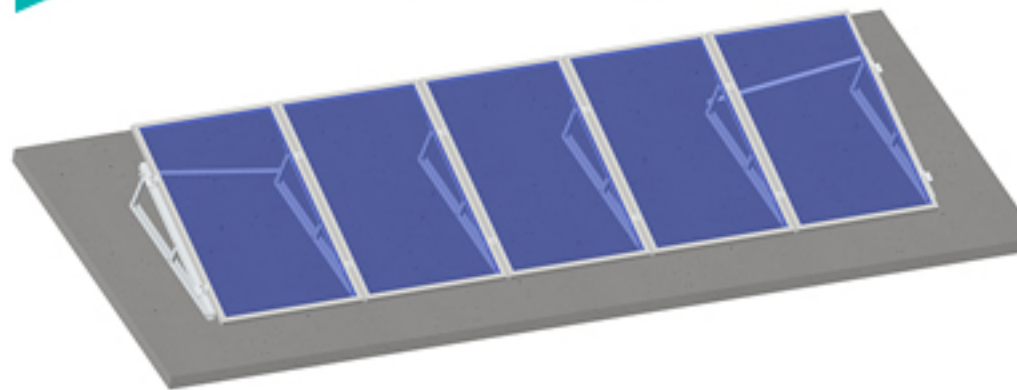


Bracing will be necessary to 15° Triangle kit.

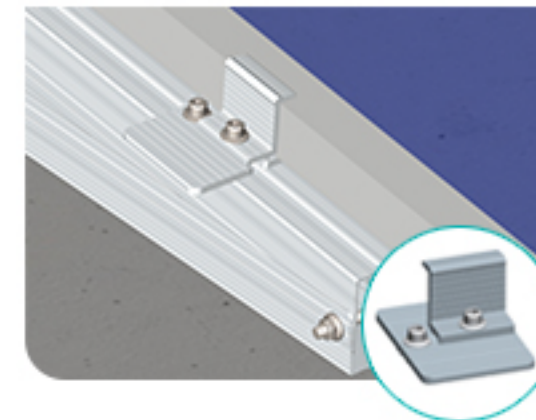
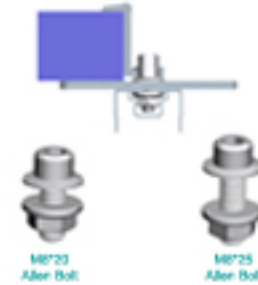


After fastening the triangle kit, put the bracing on the back of triangle kit, and then fix it with self-drilling bolt MS 3*60.

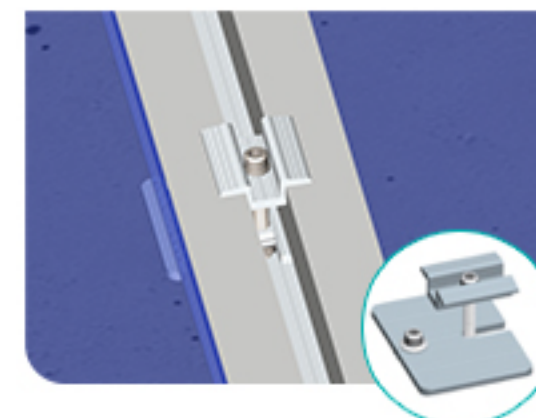
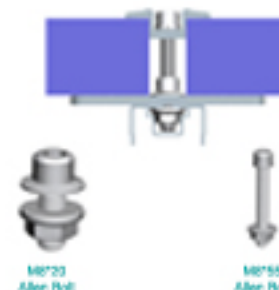
4 STEP 3 Panel installation



Fix the edge of panel with end clamp, fasten allen bolt M8*20 into the slot of top beam, after putting the mid clamp, fasten bolts firmly.

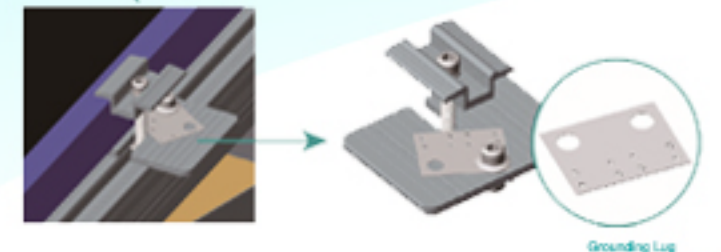
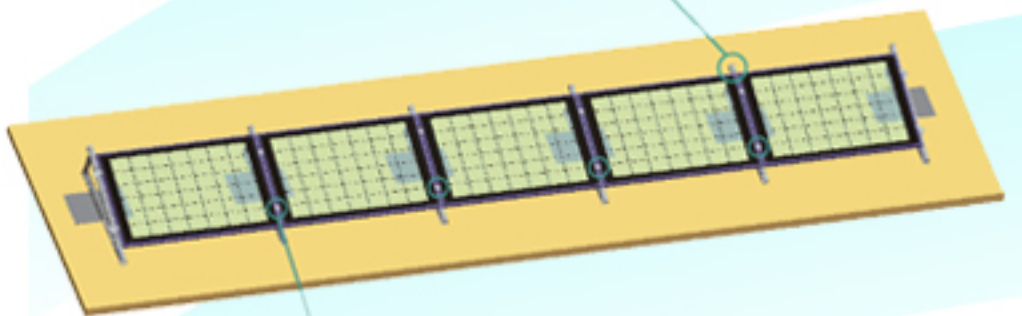
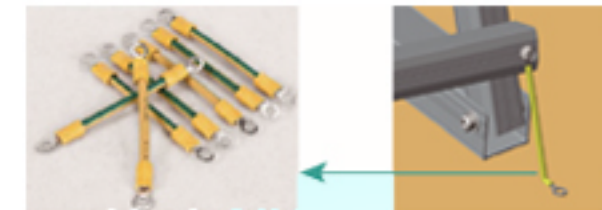


Use mid clamp to connect panels, fasten allen bolt M8*20 into the slot of top beam, after putting the end clamp, fasten bolts firmly.



5 STEP 4 Grounding

- Earthing lug will be pre-assembled with the mid clamps.
- Self-drilling bolt MS 3*60 will help grounding.
- For completing the grounding of mounting system, you need an extra copper line.



Grounding Lug