



EG4 Brightmount Fixed Angle Ground Mount System Installation Guide

[Home](#) » [Eg4](#) » EG4 Brightmount Fixed Angle Ground Mount System Installation Guide 

Contents










- [1 EG4 Brightmount Fixed Angle Ground Mount System](#)
- [2 PARTS DIAGRAM](#)
- [3 DIMENSIONS AND LAYOUT](#)
- [4 INSTALLATION](#)
- [5 PV ATTACHMENT](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)



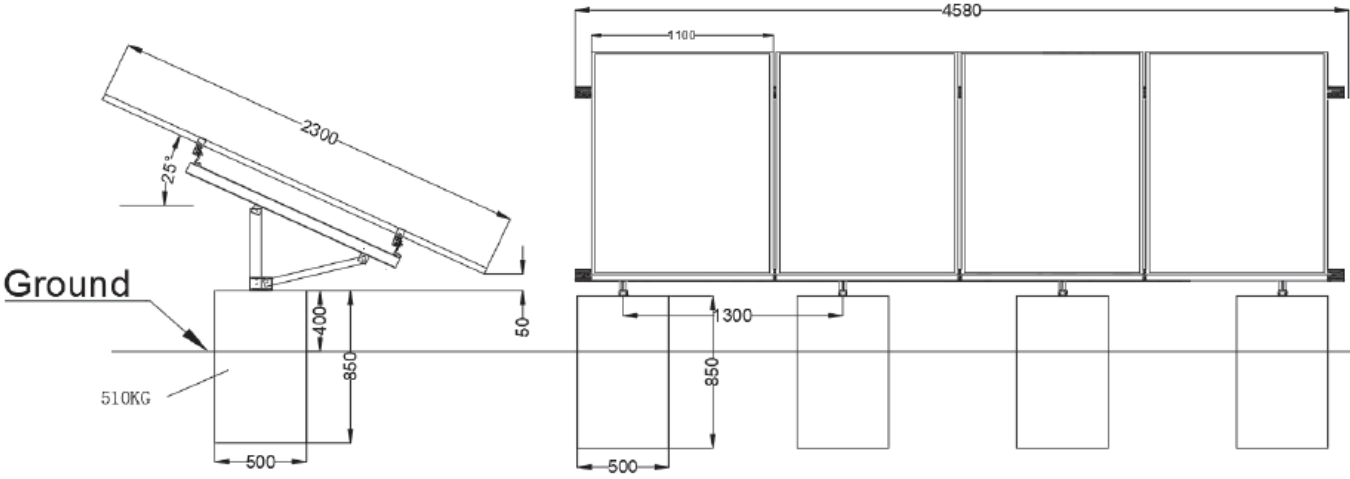
EG4 Brightmount Fixed Angle Ground Mount System



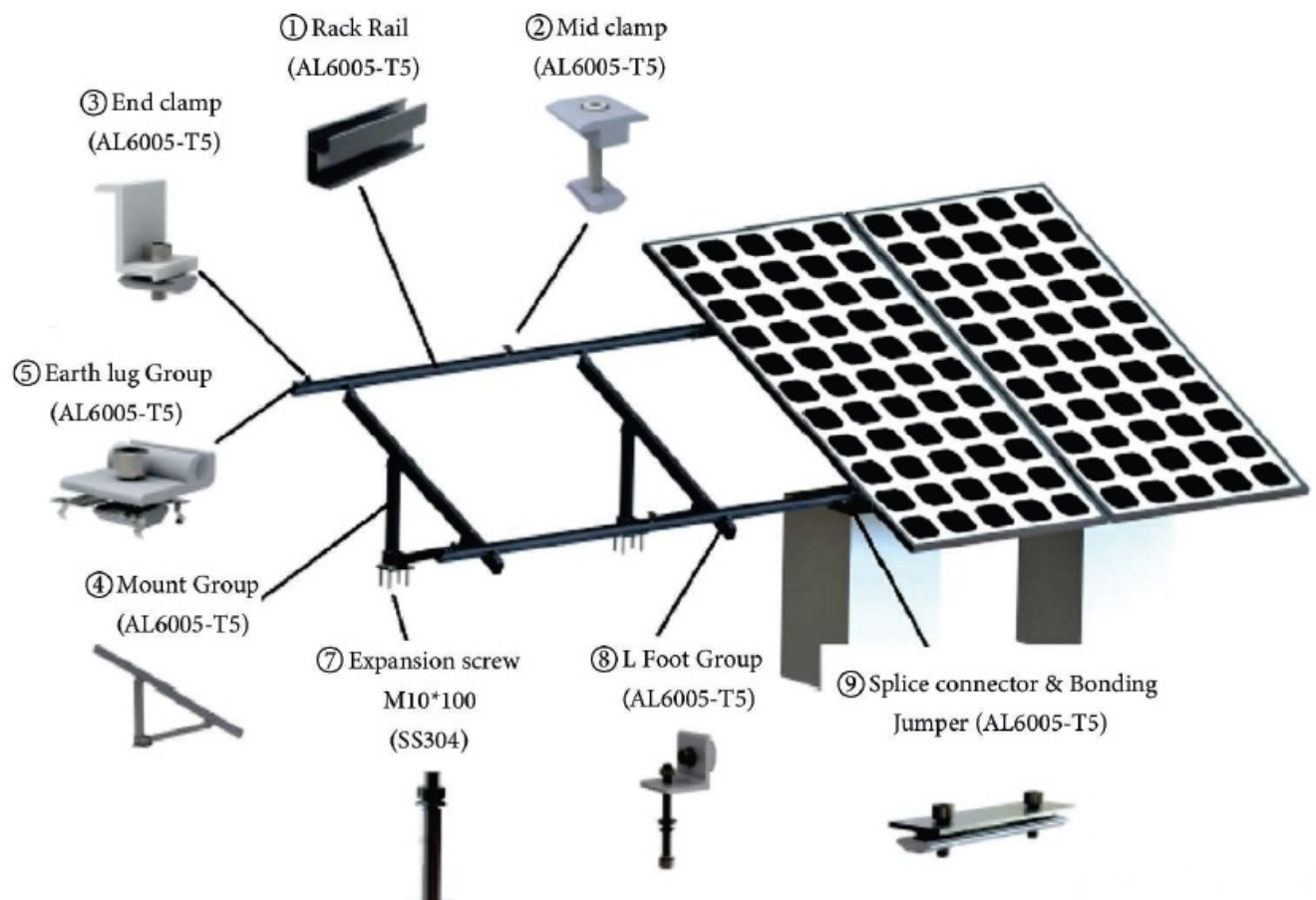
PARTS DIAGRAM

<p>Rack Rail (AL6005-T5)</p> 	<p>Mid clamp (AL6005-T5)</p> 	<p>End clamp (AL6005-T5)</p> 
<p>Mount Group (AL6005-T5)</p> 	<p>Earth lug Group (AL6005-T5)</p> 	<p>Grounding clip (SS304)</p> 
<p>Expansion screw M10*100 (SS304)</p> 	<p>L foot group (AL6005-T5)</p> 	<p>Splice connector & bonding jumper (AL6005-T5)</p> 

DIMENSIONS AND LAYOUT



All measurements above are in millimeters.



INSTALLATION

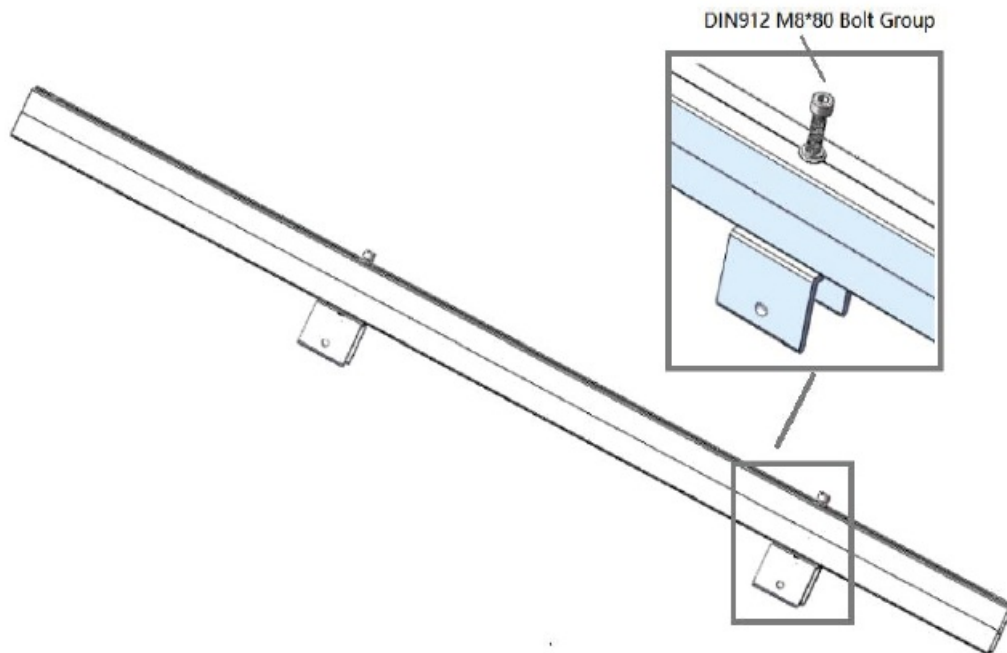
Tools Needed

- Glove
- Power Tool
- Crescent Wrench
- Meter Rule
- Drill 12.5 mm
- Allen Wrench



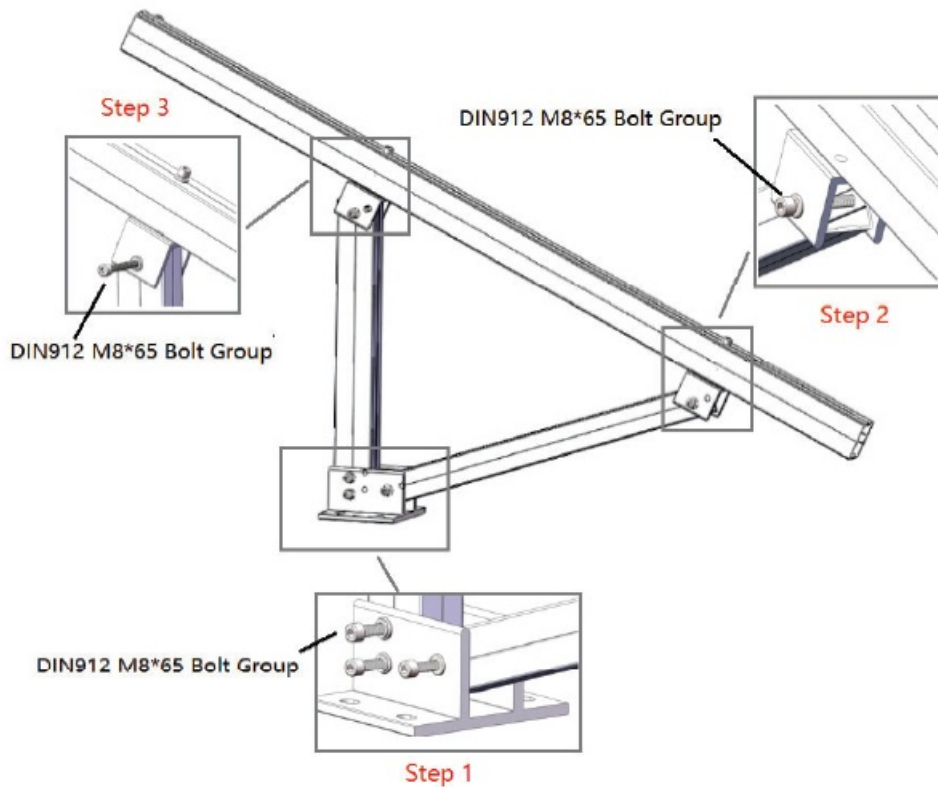
• Install leg group

Using a M8*80 bolt, M8 washers, M8 nut install the U45 connector as shown to the right.



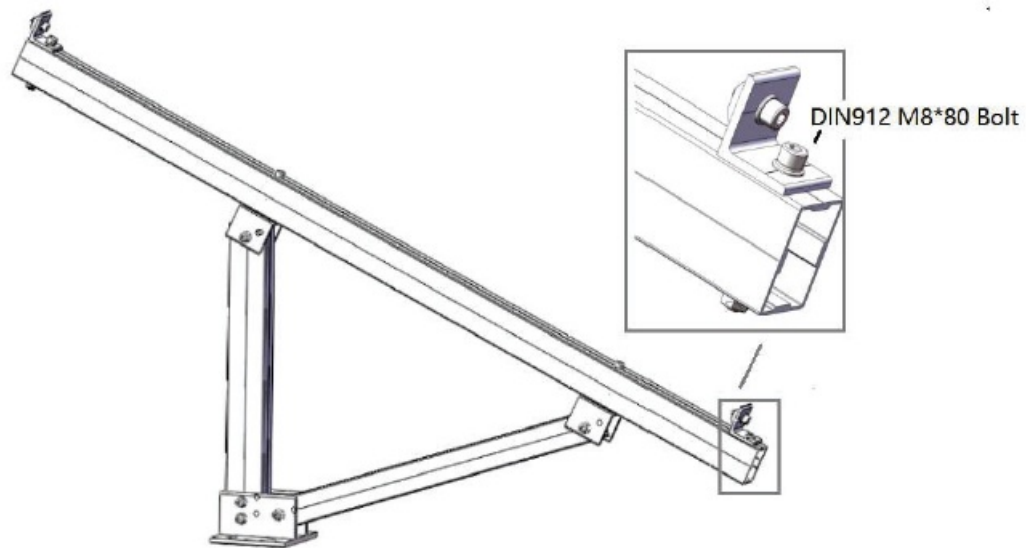
- **Install mounting bracket**

Using M8*65 bolts, M8 washers and M8 nuts to connect the legs to the mounting bracket as shown to the left.

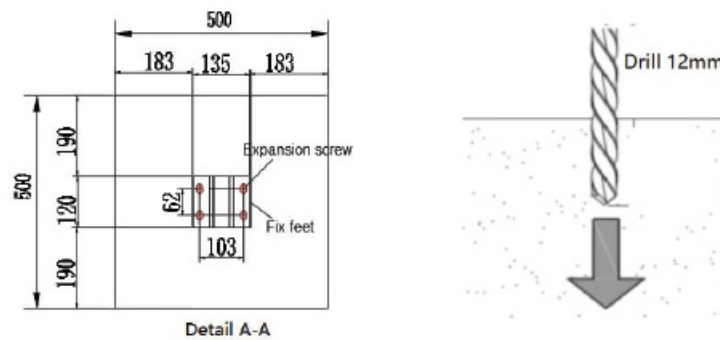
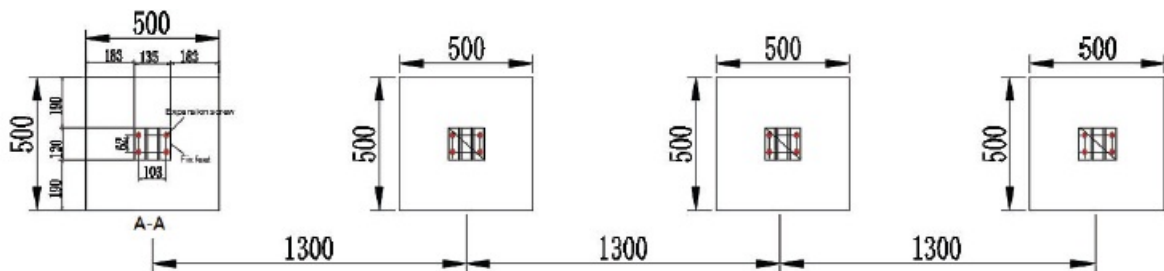


- **Install 'L' foot**

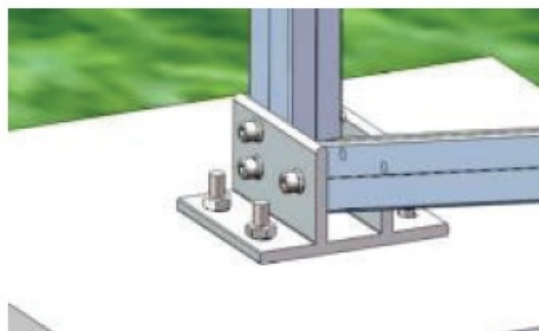
M8*65 bolt, M8 washers, and M8 nut to install the 'L' foot.



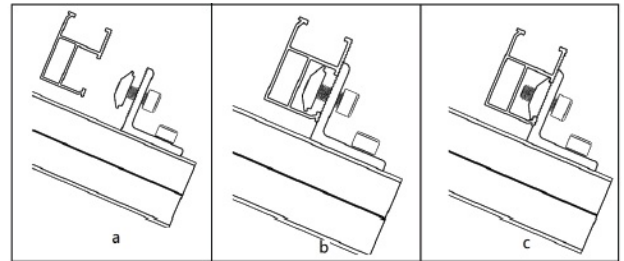
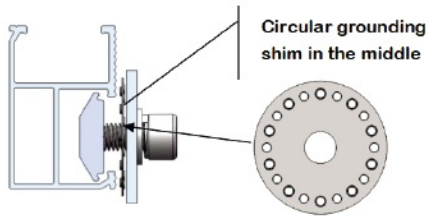
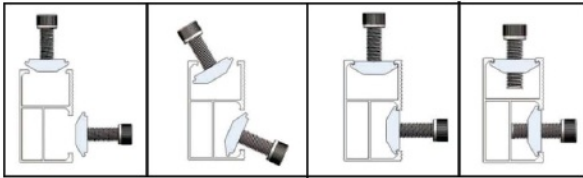
- Connect the mounting bracket to concrete anchor.



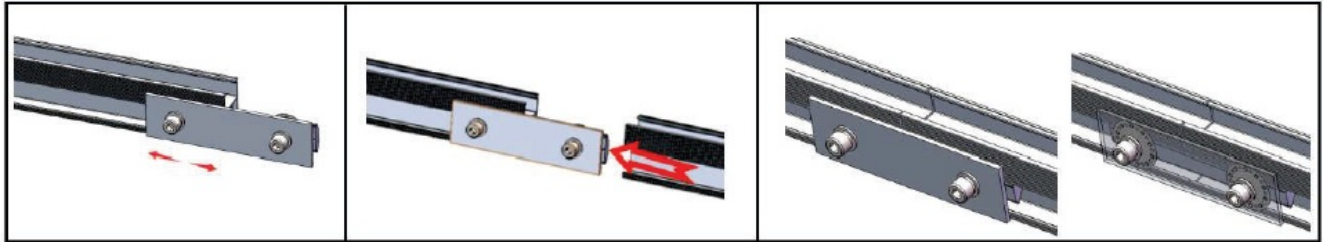
- Use the expansion screws when mounting.



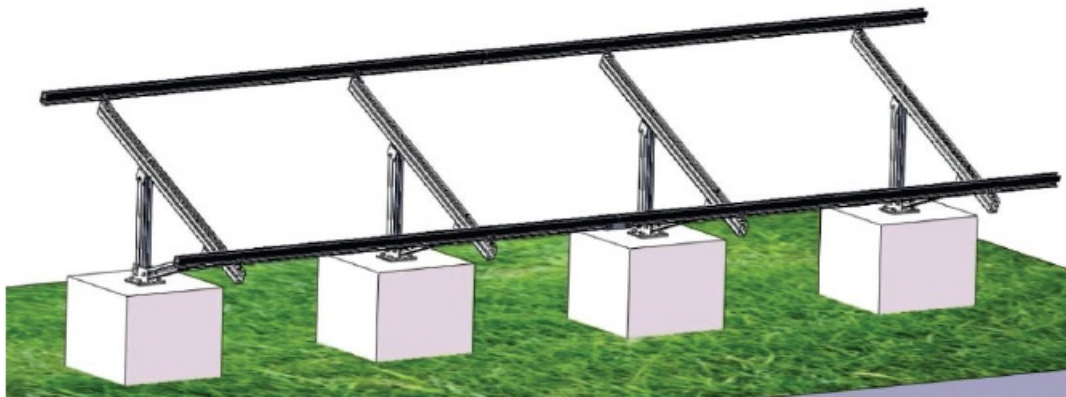
- Follow these images for rail installation.



- Connect the frames together using junction brackets, and M8 allen bolts.

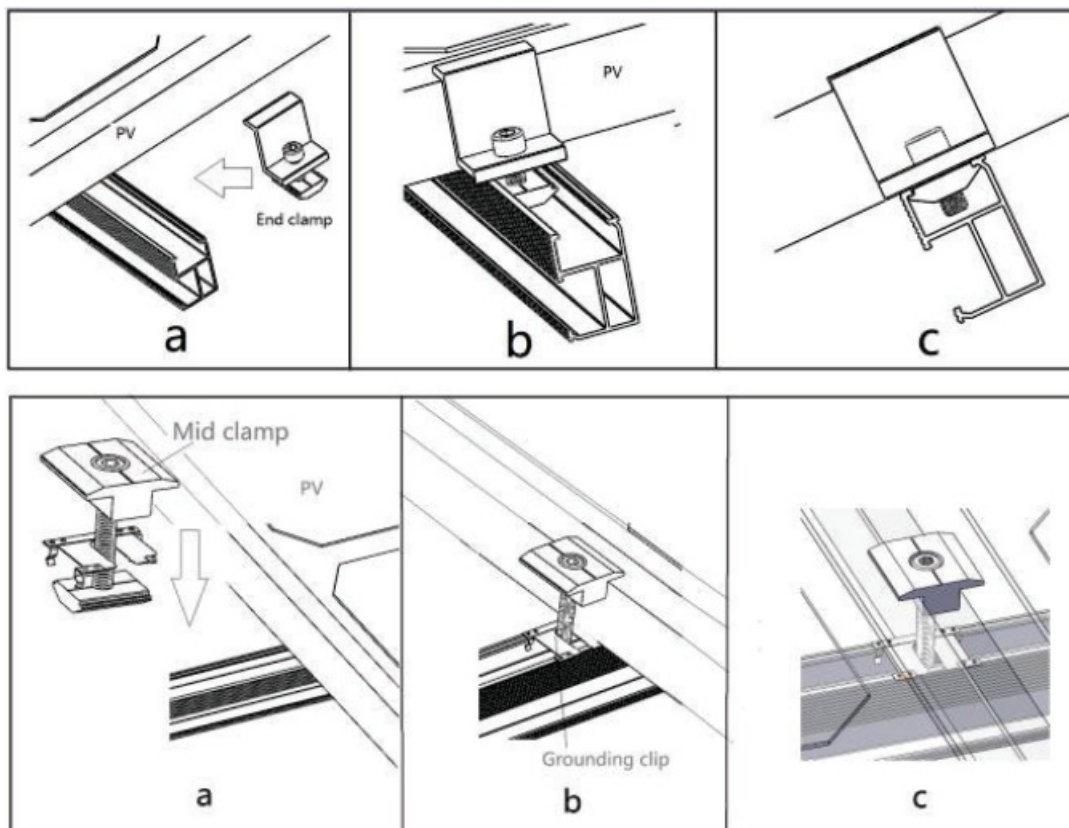


- Completed construction.

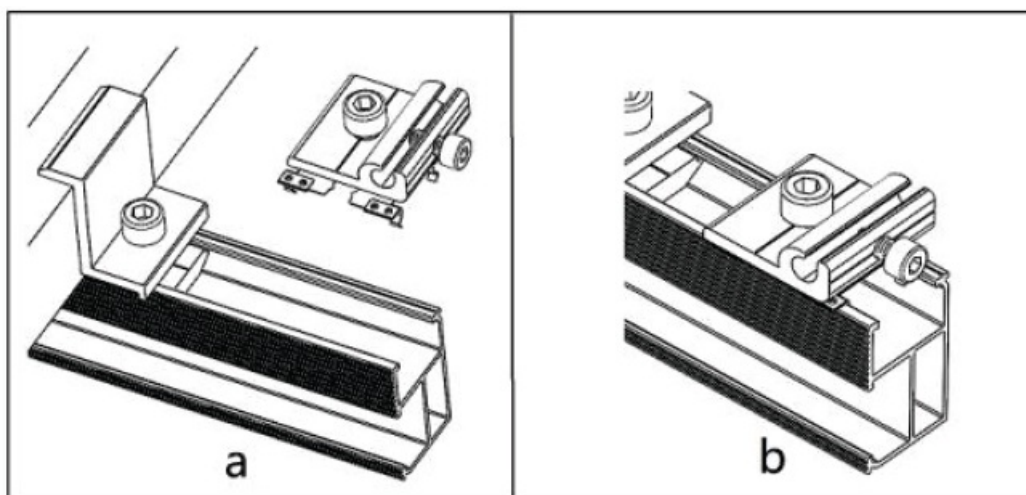


PV ATTACHMENT

- Install PV modules using the End & Mid clamps



- Install earth lug on the end of the rails.



www.eg4electronics.com

support@eg4electronics.com

Sulphur Springs. TX

October 2022

Rev A Specifications subject to change without notice

Documents / Resources



[EG4 Brightmount Fixed Angle Ground Mount System](#) [pdf] Installation Guide
Brightmount Fixed Angle Ground Mount System, Brightmount, Brightmount Ground Mount System, Fixed Angle Ground Mount System, Ground Mount System, Fixed Angle