

# SolarTerrace II-A

## Pre-assembled, durable and earthed ground mount frame with ramming

PV-ezRack® SolarTerrace II-A is a pre-assembled ground mount system with full earthing function suitable for commercial and utility scale installations. This quality frame is trimmed at every angle for fast deployment reducing labour costs. It was designed with a unique post profile which allows reduced embedment and therefore saves on material and labour. These features, combined with its high grade of pre-assembly make SolarTerrace II-A one of the best ground mount system you can find.

## Main Benefits

### Reduced Labour Costs

Through our unique, patented component design and pre-assembled supports with pre-installed positioning clamps\*\* labour time and costs are greatly reduced.

### Reduced Component Costs

Our unique C-Post was designed specifically for ramming. This results in an increased friction against up-lift and it therefore requires less embedment as conventional standard posts or I-beams, which reduces not only labour time for ramming but also material costs.

### Wide Range of Adjustments

As ramming can never be done exact on millimetre, the post head is designed with sufficient horizontal rotation and vertical adjustments. This combined with a generous design tolerance levels makes it easy to get the panels perfectly aligned even if the ramming isn't 100%.

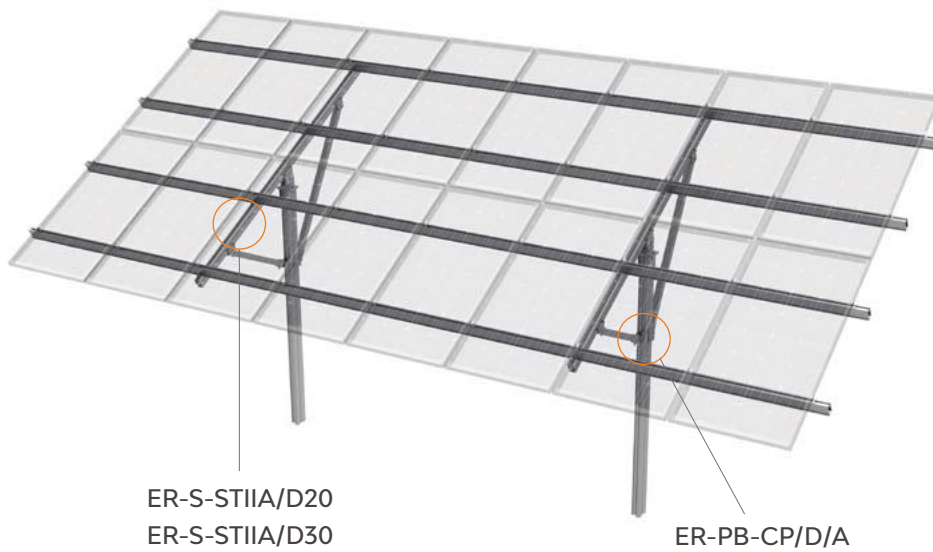
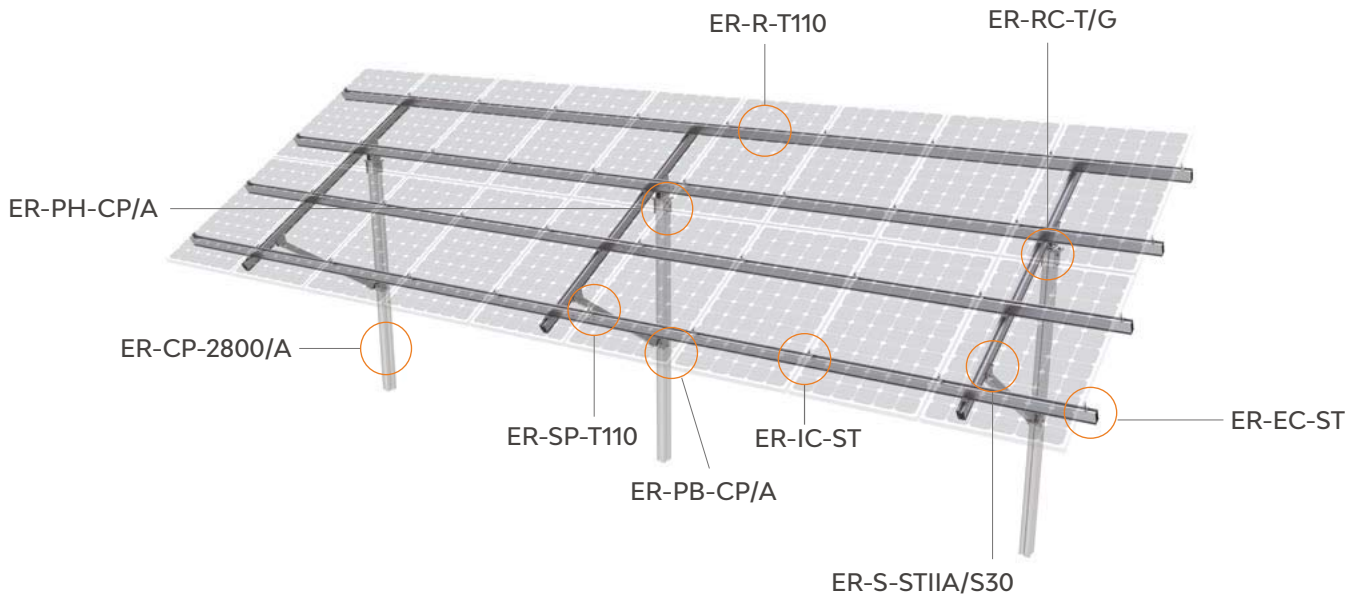
### Full Earthing Function

With pre-fitted pressure bolts and star washers in post head, post brace and pre-assembled support, it can create earthing continuity from T rail to post. In this way, SolarTerrace II-A system is a full earthing system.

10 Year  
Warranty

Utility

Commercial



**Available accessories**

- Grounding/earthing
- Cable clips
- Cable trays
- Inverter/joint box bracket
- Rail and Girder cap

## Components

|   |   |   |
|---|---|---|
|    | <p><b>ER-CP-2800/A</b><br/>C-Post 2800mm</p>  | <ul style="list-style-type: none"> <li>- Foundation C-Post L2800 x 140 x 95 mm</li> </ul>   |
|    | <p><b>ER-R-T110</b><br/>T-Rail 110</p>  | <ul style="list-style-type: none"> <li>- T-Rail 65 x 110mm</li> <li>- Standard Lengths 4200mm and 5200mm</li> </ul>   |
|    | <p><b>ER-SP-T110</b><br/>Splice for T-Rail 110</p>                                  | <ul style="list-style-type: none"> <li>- Splice 45.7 x 105.6mm</li> <li>- Flange Facing Self-Tapping Screw (washer) ST6.3 x 22</li> </ul>   |
|    | <p><b>GE-STA/200</b><br/>Girder Extension for SolarTerrace-A (II and III) 200mm</p> | <ul style="list-style-type: none"> <li>- Splice for Tri-Groove Square Girder</li> <li>- Flange Facing Self-Tapping Screw (washer) ST6.3 x 22</li> <li>- Alum profile of tri-groove Beam 200</li> </ul>  |
|   | <p><b>ER-IC-ST</b><br/>Inter Clamp, Standard</p>                                    | <ul style="list-style-type: none"> <li>- Inter Module Clamp 28mm, 35mm, 38mm, 40mm, 46mm, 50mm, 57mm</li> <li>- 28mm with Hex Socket Head Bolt A2-70 M8 x 40mm</li> <li>- 35mm with Hex Socket Head Bolt A2-70 M8 x 45mm</li> <li>- 38mm with Hex Socket Head Bolt A2-70 M8 x 50mm</li> <li>- 40mm with Hex Socket Head Bolt A2-70 M8 x 50mm</li> <li>- 46mm with Hex Socket Head Bolt A2-70 M8 x 55mm</li> <li>- 50mm with Hex Socket Head Bolt A2-70 M8 x 60mm</li> <li>- 57mm with Hex Socket Head Bolt A2-70 M8 x 70mm</li> <li>- Z-Module</li> <li>- Washer 8</li> </ul> |
|  | <p><b>ER-EC-ST</b><br/>End Clamp, Standard</p>                                      | <ul style="list-style-type: none"> <li>- End Module Clamp 28mm, 32mm, 35mm, 38mm, 40mm, 42mm, 46mm, 48mm, 50mm</li> <li>- Z-Module</li> <li>- Hex Socket Head Bolt A2-70 M8 x 28</li> <li>- Washer 8</li> </ul>   |
|  | <p><b>ER-RC-T/G</b><br/>Rail Clamp for T-Rail with grounding/earthing pins</p>      | <ul style="list-style-type: none"> <li>- Rail Clamp with pins 50 x 30 x 11.8mm</li> <li>- Hex Socket Head Bolt M8 x 30</li> <li>- Spring Washer M8</li> <li>- Z-Module</li> </ul>   |
|  | <p><b>ER-PH-CP/A</b><br/>Post Head for C-Post with Grounding</p>                    | <ul style="list-style-type: none"> <li>- Clasp AL/6005-T5</li> <li>- V-Spring</li> <li>- T-Head 142 x 166 x 126mm</li> <li>- T-Head Base 142 x 166 x 138.3mm</li> <li>- Hex Socket Head Bolt M12 x 35</li> <li>- Hex Socket Head Bolt M12 x 130</li> <li>- Flat Washer 12mm</li> <li>- Spring Washer 12mm</li> <li>- Hexagonal Nut</li> <li>- Rivet1</li> <li>- External Teeth Lock Washer 12</li> <li>- Set screw M8 x 12</li> </ul>   |



**ER-PB-CP/A**

Post Brace for C-Post with Grounding

- Hinge Leaf
- Post Joint
- Rivet 2
- Hex Socket Head Bolt M12 x 55mm
- Hex Socket Head Bolt M12 x 100mm
- Spring Washer 12mm
- Flat Washer 12
- Hexagonal Nut M12
- External Teeth Lock Washer 12
- Set screw M8 x 12



**ER-PB-CP/D/A**

Post Brace for C-Post on Double Support with Grounding

- Post Joint with Grounding Hole
- Hinge Leaf
- Rivet2
- Hexagonal Bolt M12 x 55
- Hexagonal bolt M12 x 100
- Hexagon nut M12
- Washer 12
- Plain washer 12
- External Teeth Lock Washer 12
- Set screw M8 x 12



**BR-R110/EW/G**

PV-ezRack East/West Adjustable Bracket for T-Rail 110 with grounding

- East/West adjustable bracket with Grounding Hole-top
- Bushing Ø18.5 x 9
- East/West adjustable bracket-bottom
- Hexagon socket head cap screw M8 x 25
- Washer 8
- Z Module
- Hexagonal Bolt M12x50
- Washer 12
- External Teeth Lock Washer 12
- Hexagon nut M12
- Corragated shim (t6) with Ø8.5 hole
- Hexagon socket head cap screw M8 x 30
- O rubber rings Ø12 x 3
- Grounding Clip, with clenergy logo
- Grounding Rail Clamp for T Rail



**ER-S-STIIA/S30; 2800mm girder**

- Tri Groove Beam 2800mm
- H-Joint
- Hex Socket Head Bolt M12 x 100
- Hex Socket Head Bolt M12 x 110
- Spring Washer 12mm
- Spring Washer 8mm
- Joint Shoe with grounding hole L60 x 73 x 114mm
- T Slide Clamp
- Tube Support/S
- Plain Washer 8mm
- Plain Washer 12mm
- Hexagonal Nut M12
- Hexagonal Nut M8
- Corrugated H-Joint
- Corrugated Shim
- Hexagon socket head cap screw M8 x 25
- Hexagon socket head cap screw M8 x 40
- External Teeth Lock Washer 8
- External Teeth Lock Washer 12
- Set screw M8 x 12



**ER-S-STIIA/D20; 3200mm girder  
ER-S-STIIA/D30; 3200mm girder**

- Tri Groove Beam 3200mm
- H-Joint
- Hex Socket Head Bolt M12 x 100
- Hex Socket Head Bolt M12 x 110
- Spring Washer 12mm
- Spring Washer 8mm
- Joint Shoe with grounding hole L60 x 73 x 114mm
- T Slide Clamp
- Tube Support/D
- Plain Washer 8mm
- Plain Washer 12mm
- Hexagonal Nut M12
- Hexagonal Nut M8
- Corrugated H-Joint
- Corrugated Shim
- Hexagon socket head cap screw M8 x 25
- Hexagon socket head cap screw M8 x 40
- External Teeth Lock Washer 8
- External Teeth Lock Washer 12
- Set screw M8 x 12