

# ENERACK BALLAST MOUNT INSTALLATION INSTRUCTION



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## Disclaimer

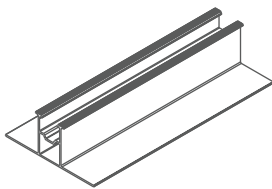
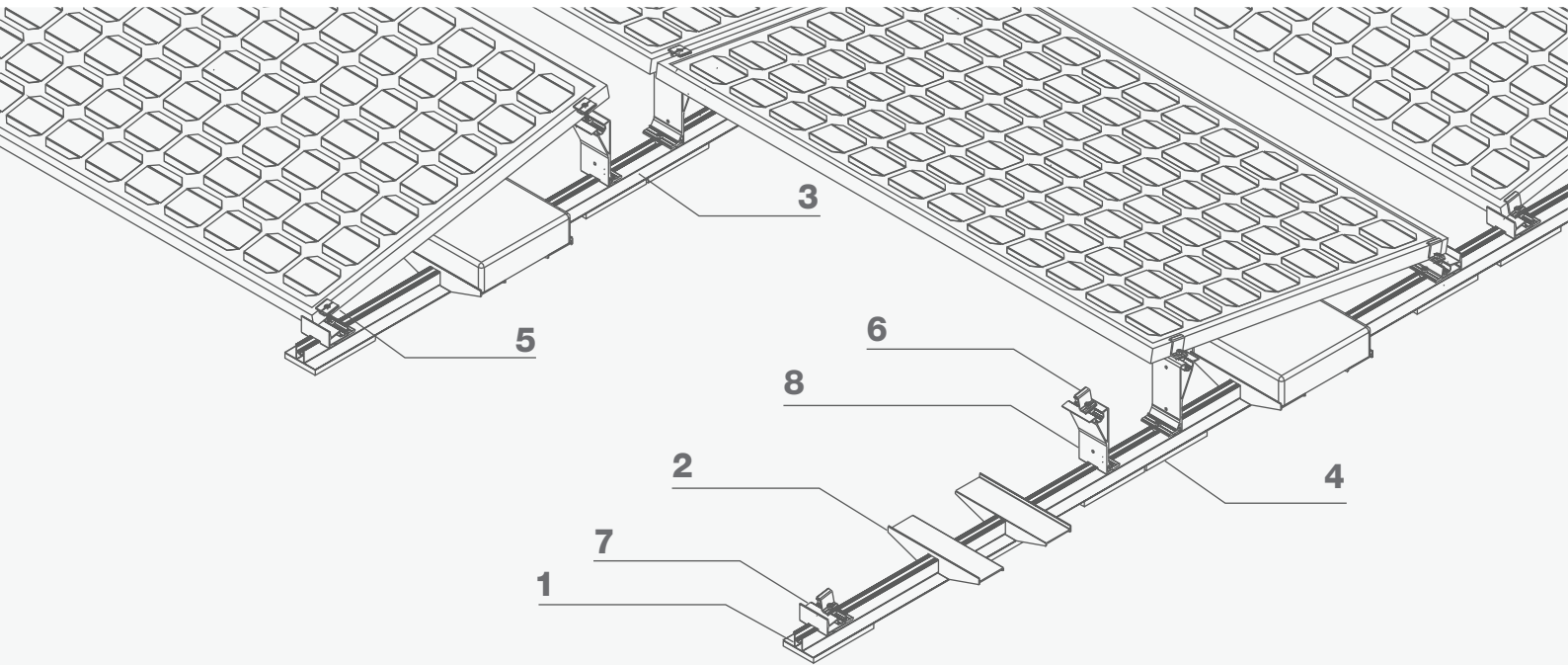
This manual describes the proper installation procedures and provides minimum standard required for product reliability and warranty. Thoroughly understanding this manual is imperative to proper installation.

## Please review the following before installation

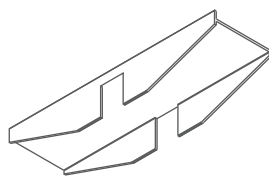
- Make sure the roof is in proper condition prior to installation.  
Do not install on damage roofs.
- Comply with roofing manufacturer's warranty terms.
- Ensure your work comply with local building codes and requirements, include any that may supersede this manual
- Ensure all products are appropriate for the installation, environments, and array under the site's loading conditions.
- Ensure the installation is performed by licensed contractors, electrical installation must be conducted by licensed electrician. Ensure all work comply with local requirements.
- Use system components supplied by Enerack or parts recommended by Enerack.



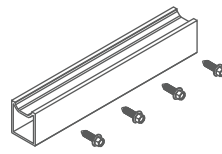
This manual does not list all precautions needed for safe work. The installation must comply with health and safety requirements and other relevant standards and codes of practice. The manual provides guidelines for installation, but it does not guarantee the quality of installation work. Please complete the installation in a responsible and professional manner.



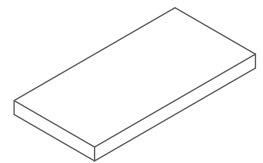
1. ERK-R41-02



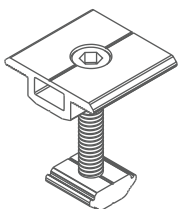
2. ERK-BST-02



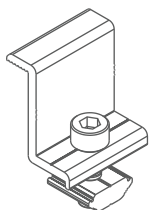
3. ERK-SFR-04



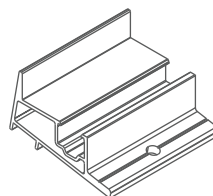
4. ERK-EFT-03



5. ERK-AIC



6. ERK-FEC



7. ERK-BPF-10



8. ERK-BPR-10



# TOOLS



6mm



Non-impact



13mm



>3m



1~2m



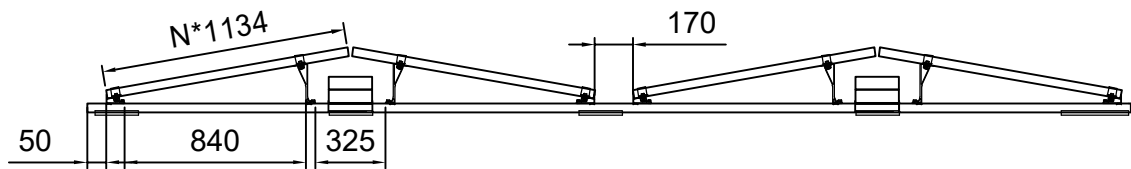
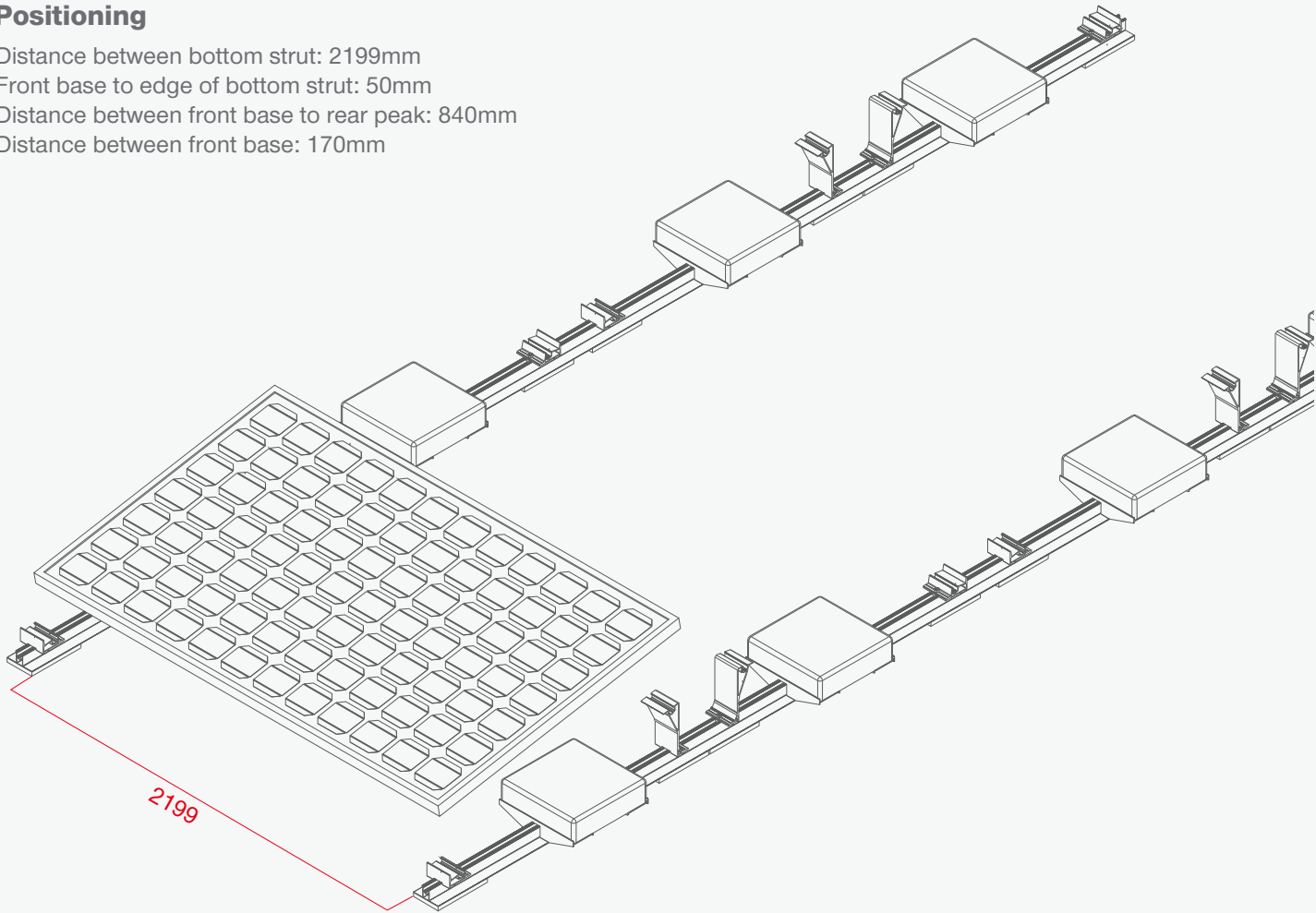
>6m



Wood hammer

## 1: Positioning

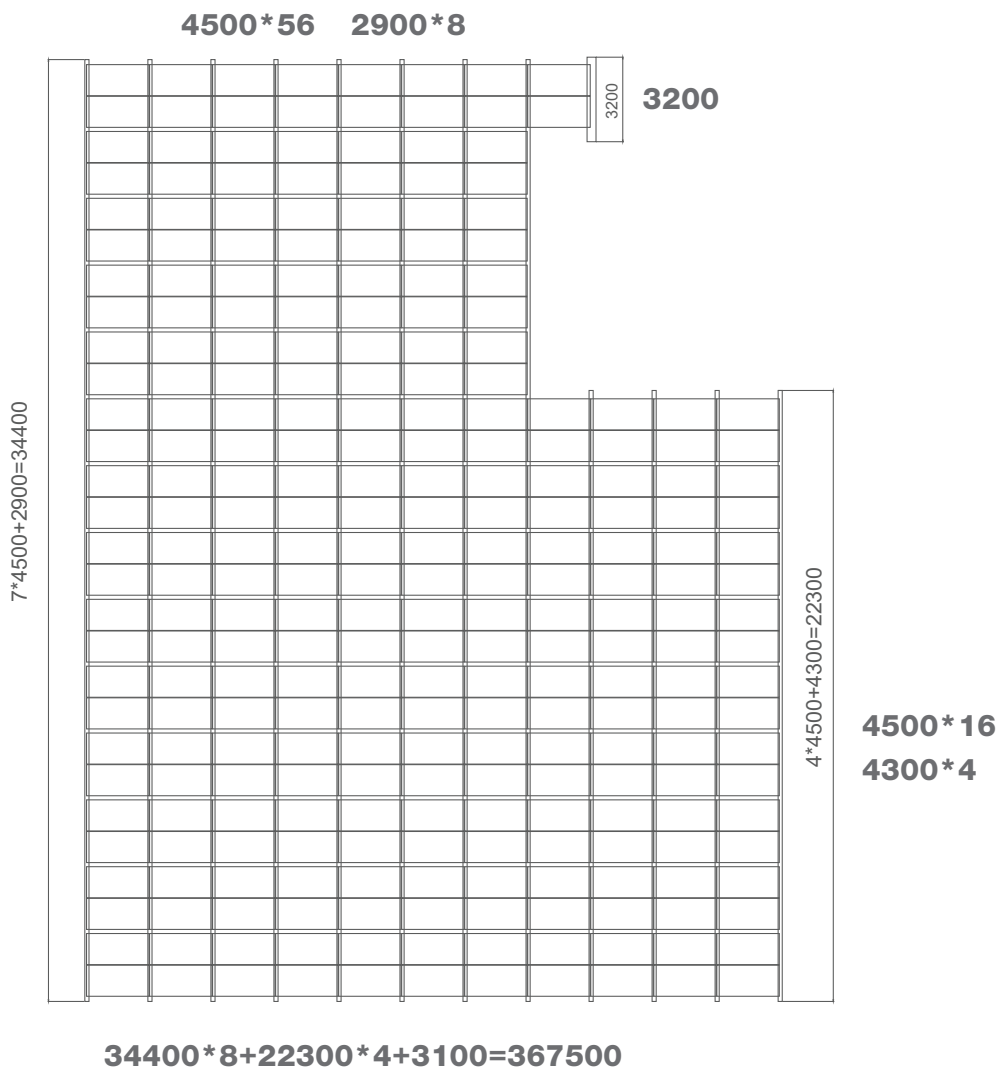
- Distance between bottom strut: 2199mm
- Front base to edge of bottom strut: 50mm
- Distance between front base to rear peak: 840mm
- Distance between front base: 170mm



## 2: Prepare the quantity of bottom strut

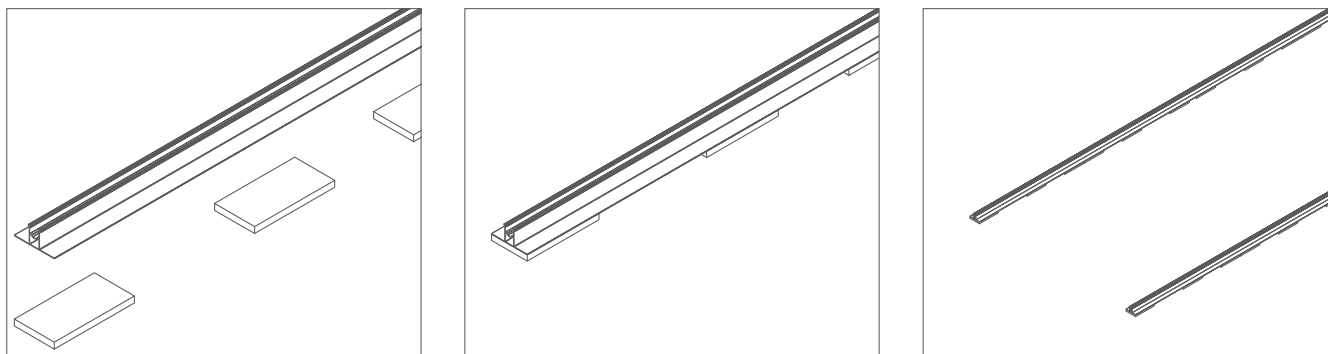
Prepare the quantity of bottom strut according to the layout design Example

- Bottom Strut 4500mm\*56 pcs
- Bottom Strut 2900mm\*8 pcs
- Bottom Strut 3200mm\*1 pcs
- Bottom Strut 4500mm\*16 pcs
- Bottom Strut 4300mm\*4 pcs

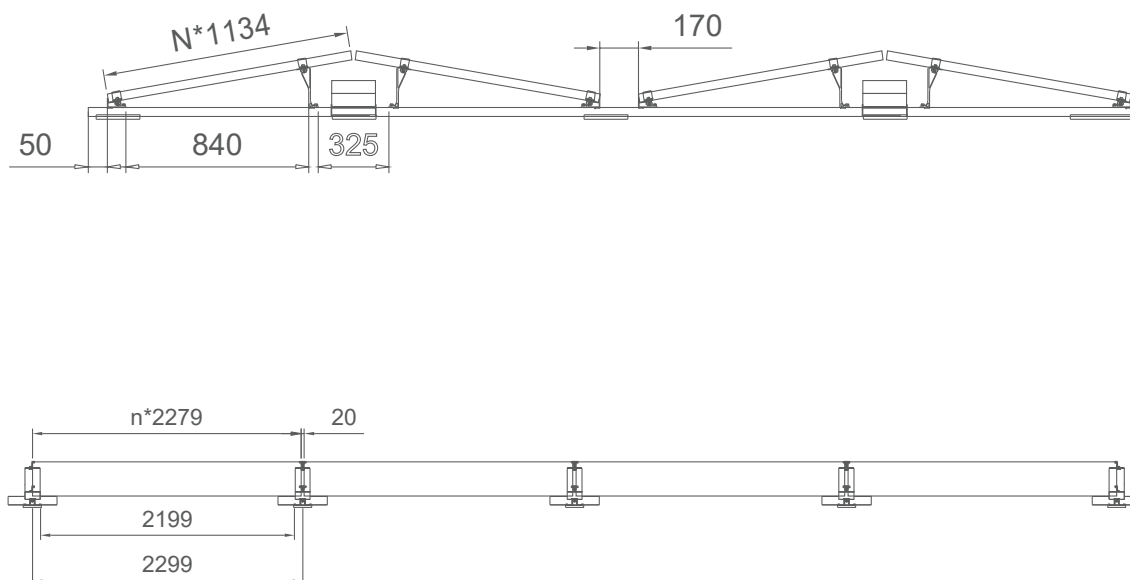


## 3: Pre-assembly

1: Stick the EPDM to the bottom strut according to the drawing



2: Place the bottom strut at a distance of 2199mm



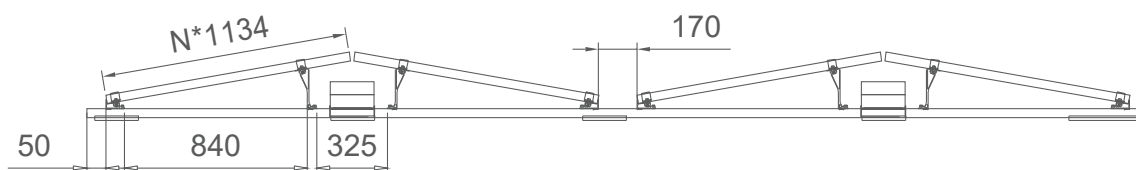
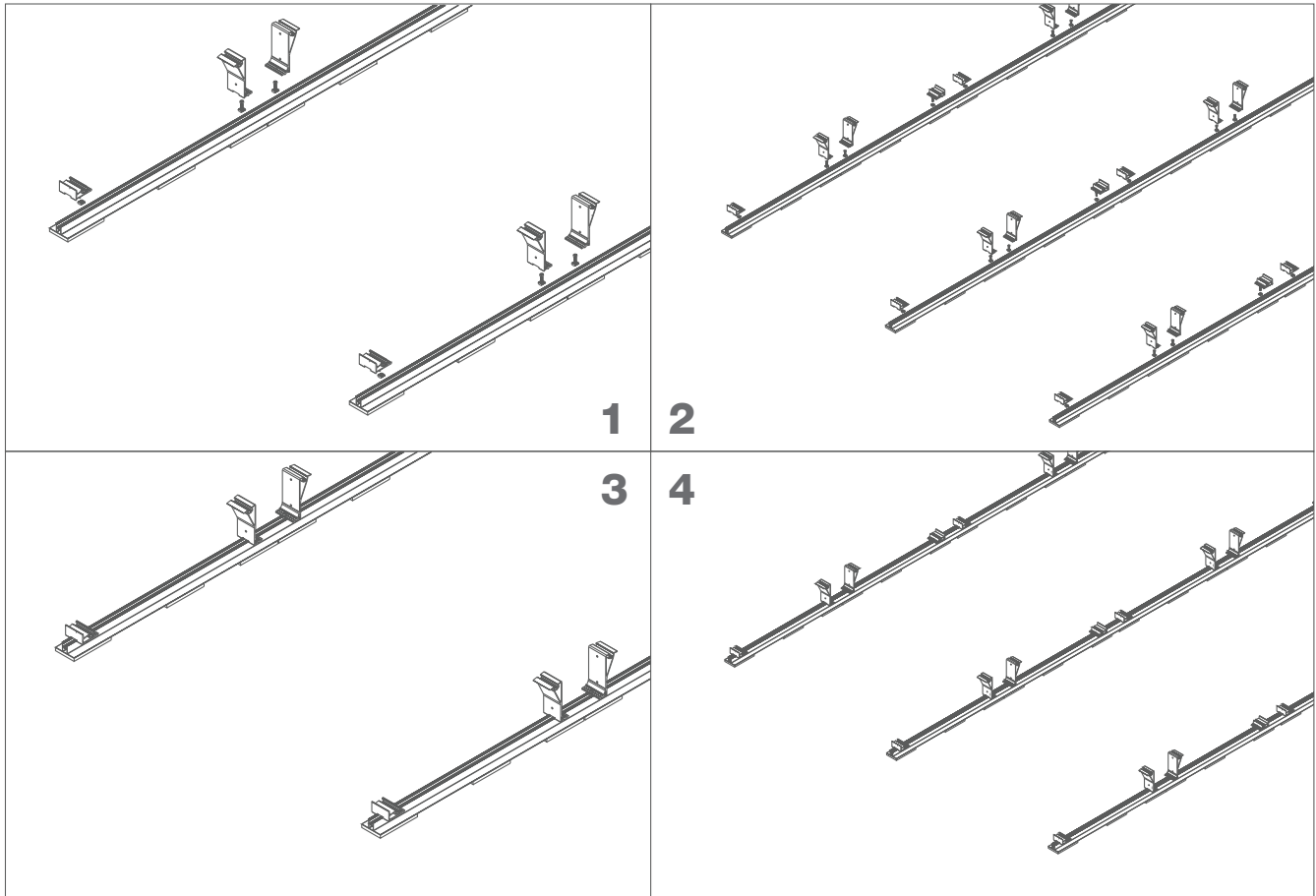
## 4: Install the front base and rear peak according to the positioning from design

Distance between bottom strut: 2199mm

Front base to edge of bottom strut: 50mm

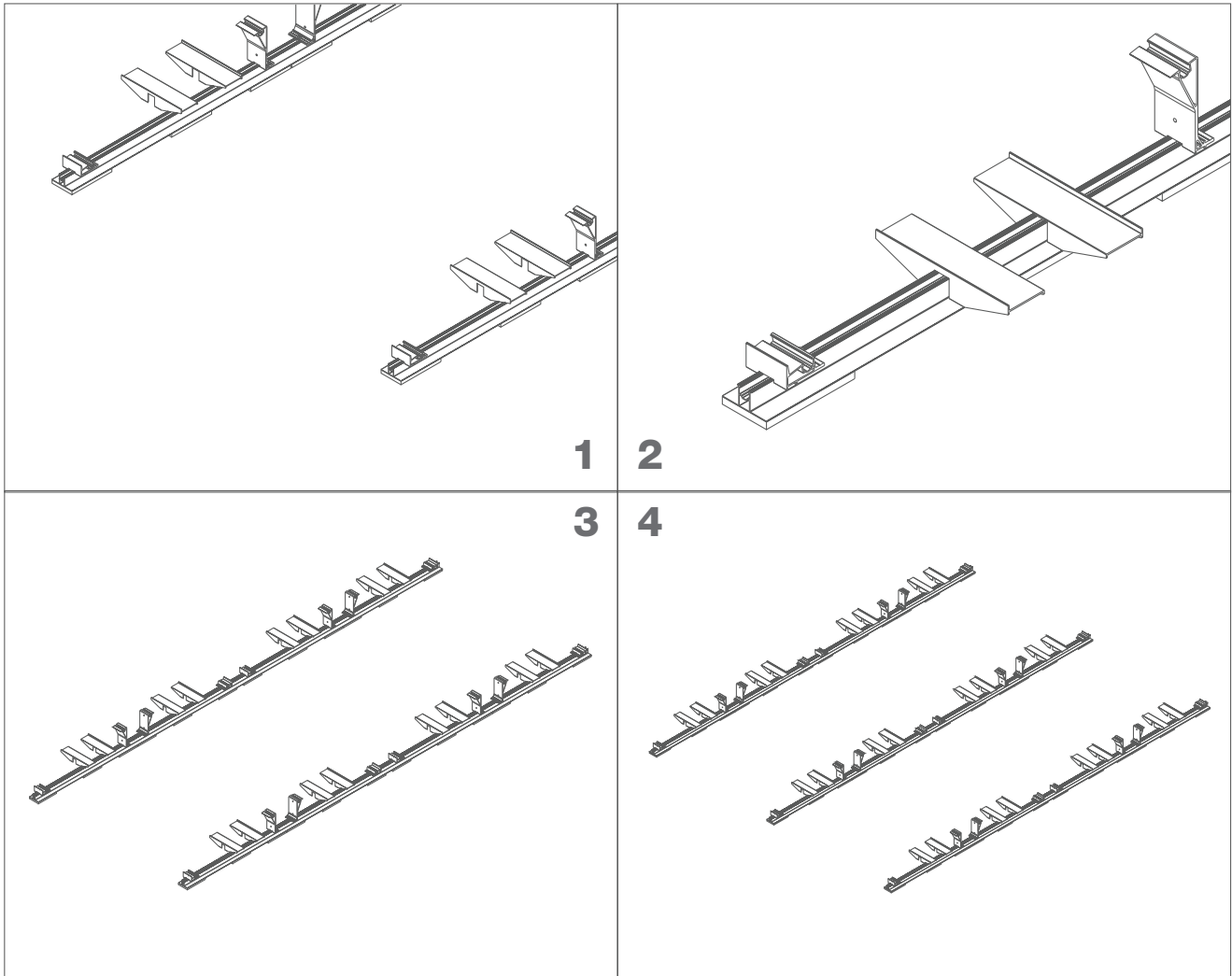
Distance between front base to rear peak: 840mm

Distance between front base: 170mm



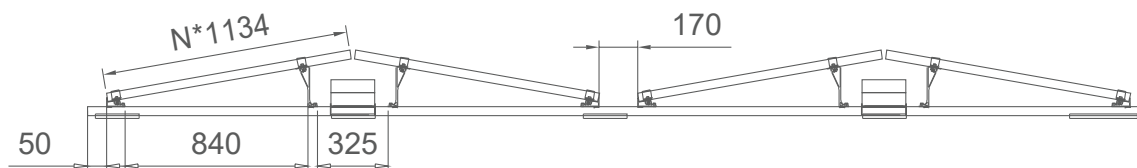


## 5: Place the ballast tray according to the positioning from the design

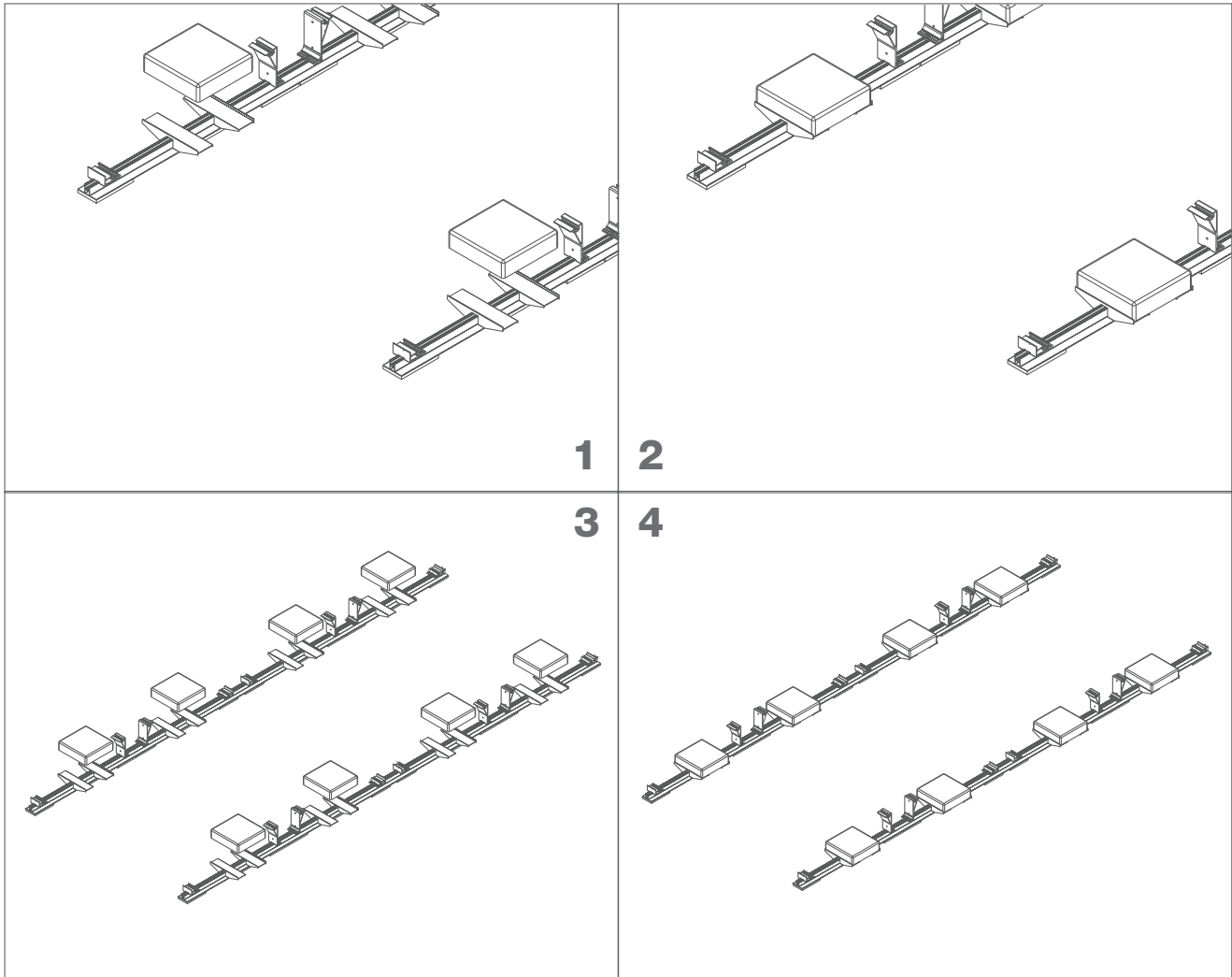


### Special note:

- 1 The location and size of ballast will vary with different projects
- 2 According to the drawing, the ballast tray for this specific project should be placed between the rear peak



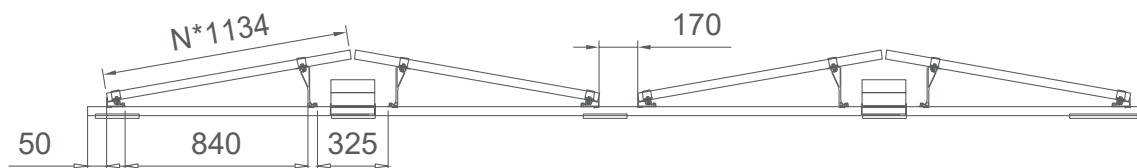
## 6. Place the ballast blocks to the ballast tray



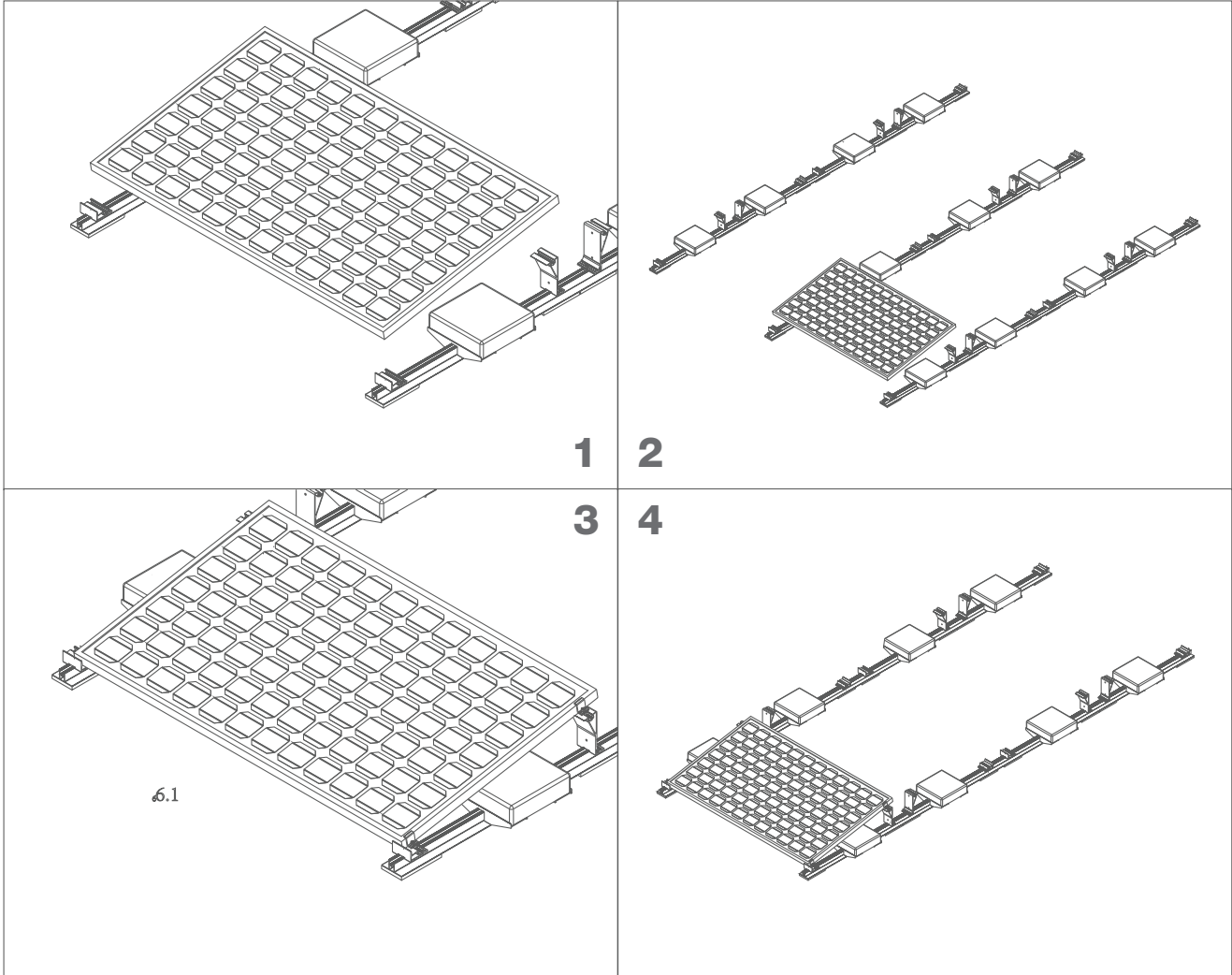
### Special note:

1 The location and size of ballast will vary with different projects

2 According to the drawing, the ballast tray for this specific project should be placed between the rear peak



## 7. Fix the solar modules with mid clamp and end clamps



## 10 years limited product warranty, 5 years limited finish warranty

Xiamen Enerack Technology Co., Ltd("manufacturer") warrants to the original purchaser ("Purchaser") of product(s) that it manufactures ("Product") at the original installation site that the Product shall be free from defects in material and workmanship for a period of ten (10) years, except for the anodized finish, which finish shall be free from visible peeling, or cracking or chalking under normal atmospheric conditions for a period of ten five (10) years, from the earlier of 1) the date the installation of the Product is completed, or 2) 30 days after the purchase of the Product by the original Purchaser ("Finish Warranty").



The Finish Warranty does not apply to any foreign residue deposited on the finish. All installations in corrosive atmospheric conditions are excluded. The Finish Warranty is VOID if the practices specified by AAMA 609 & 610-02 - "Cleaning and Maintenance for Architecturally Finished Aluminum" ([www.aamanet.org](http://www.aamanet.org)) are not followed by Purchaser. This Warranty does not cover damage to the Product that occurs during its shipment, storage, or installation.

This Warranty shall be VOID if installation of the Product is not performed in accordance with Enerack's written installation instructions, or if the Product has been modified, repaired, or reworked in a manner not previously authorized by Enerack IN WRITING, or if the Product is installed in an environment for which it was not designed. Enerack shall not be liable for consequential, contingent or incidental damages arising out of the use of the Product by Purchaser under any circumstances.

If within the specified Warranty periods the Product shall be reasonably proven to be defective, then Enerack shall repair or replace the defective Product, or any part thereof, at Enerack's sole discretion. Such repair or replacement shall completely satisfy and discharge all of Enerack's liability with respect to this limited Warranty. Under no circumstances shall Enerack be liable for special, indirect or consequential damages arising out of or related to use by Purchaser of the Product.

Manufacturers of related items, such as solar modules and flashings, may provide written warranties of their own. Enerack's limited Warranty covers only its Product, and not any related items.



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