



## MATRIX ECO & ELITE, BALLAST ROOF MOUNT SOLUTION

The Matrix ECO & ELITE flat roof mount streamlines solar installations with its innovative design and superior engineering. Made from 100% aluminum, this lightweight and recyclable solution delivers exceptional performance for both residential and commercial projects.

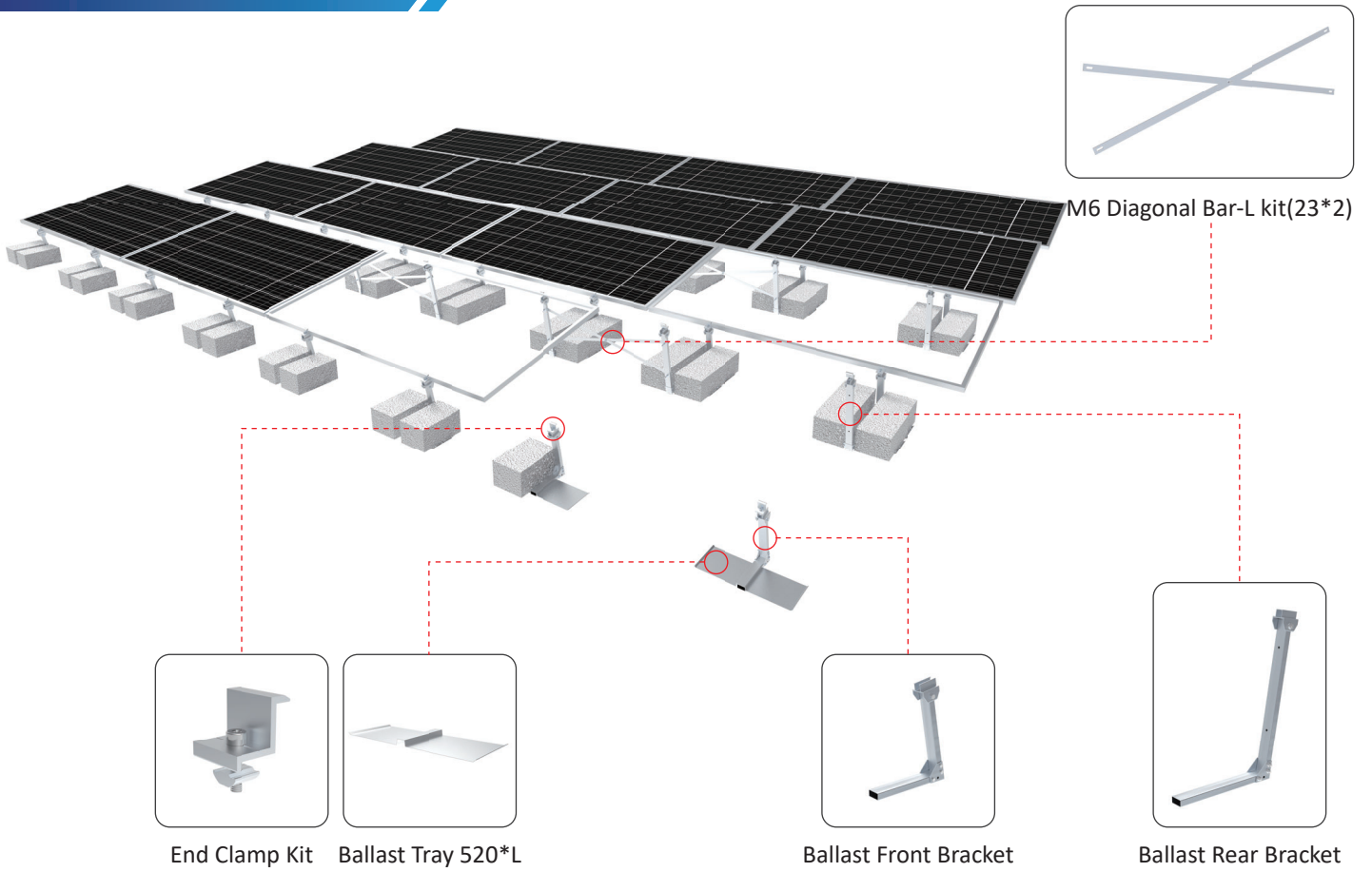
Its streamlined design enables rapid deployment, reducing installation time and labor costs. The ballast roof mount technology ensures no roof penetration, maintaining structural integrity while providing maximum stability.

Efficient construction simplifies distribution and installation, making it suitable for new projects and retrofits alike. This advanced system merges sustainability with high performance, offering an eco-friendly option for renewable energy infrastructure.

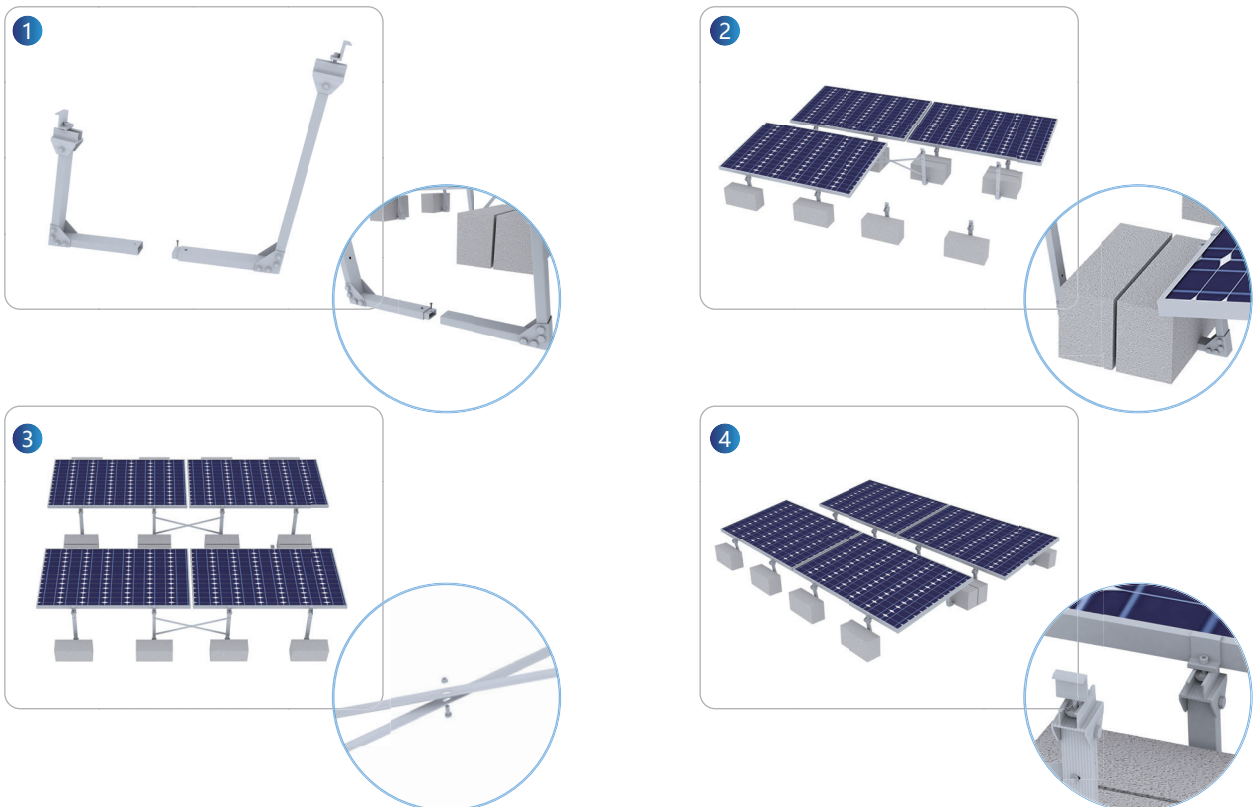
## TECHNICAL PARAMETER

| Application        | Flat Roof                                      |              |  |
|--------------------|--|--------------|--|
| Component Material | AL 6005-T5/SUS304                              | Seismic Load | Lateral Seismic Factor: $K_p=1$ ;<br>Seismic Coefficient: $Z=1$ ;<br>Use Coefficient: $I=1$          |
| Surface Treatment  | Average Anodizing Coating Thickness 10 $\mu$ m |              |  |
| Panel Type         | Framed & Frameless                             | Standards    | JIS C 8955 : 2017 ; AS/NZS 1170;<br>DIN1055; ASCE/SEI 7-05;<br>International Building Code: IBC 2009 |
| Wind Load          | $\leq 45$ m/s                                  |              |  |
| Snow Load          | 1.5KN/m <sup>2</sup>                           |              |  |
| Panel Orientation  | Landscape                                      | Warranty     | 10 Years Quality Warranty,<br>25 Years Life Span Warranty  |
| Installation Angle | 0°~45°   |              |  |

# MATRIX ECO

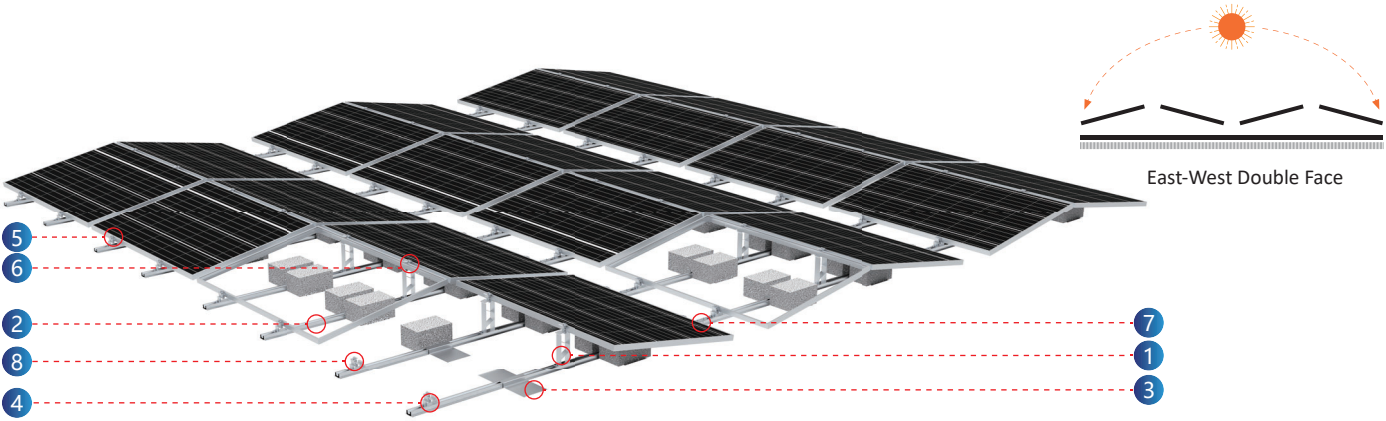


# INSTALLATION STEPS





> MATRIX ELITE BALLAST MOUNTING



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