



## NOVA TRIPOD, VERSATILE ROOF MOUNT SOLUTION

Nova TRIPOD delivers exceptional flexibility for solar installations. Its lightweight aluminum design allows versatile deployment in standalone, matrix, single-sided, and double-sided configurations. Suitable for both residential and commercial projects, this mounting system offers professional-grade performance with minimal structural intervention. The pre-assembled structure facilitates quick installation and adapts easily to various architectural environments.

## TECHNICAL PARAMETER

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



## COMPONENTS



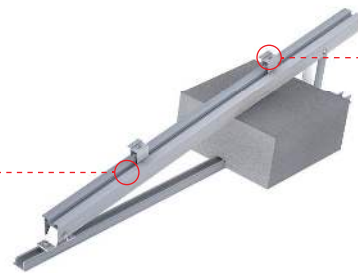
Middle Clamp Kit



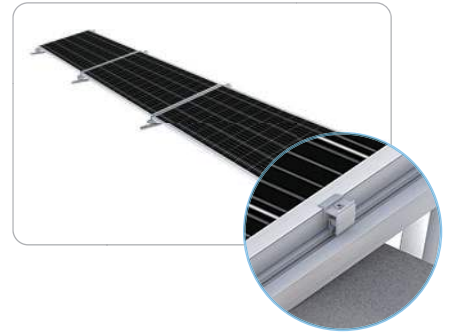
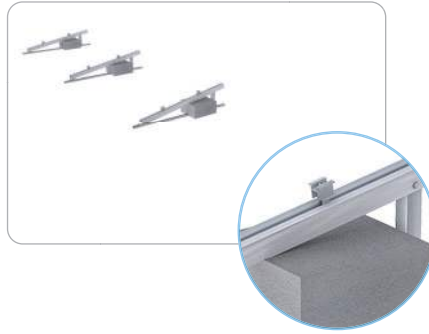
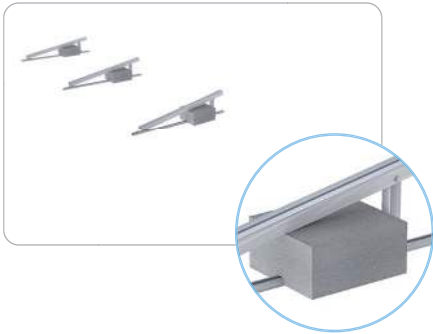
End Clamp Kit



Tripod Bracket



## INSTALLATION STEPS



## MORE STRUCTURE TYPES



Double-sided Without Rail type

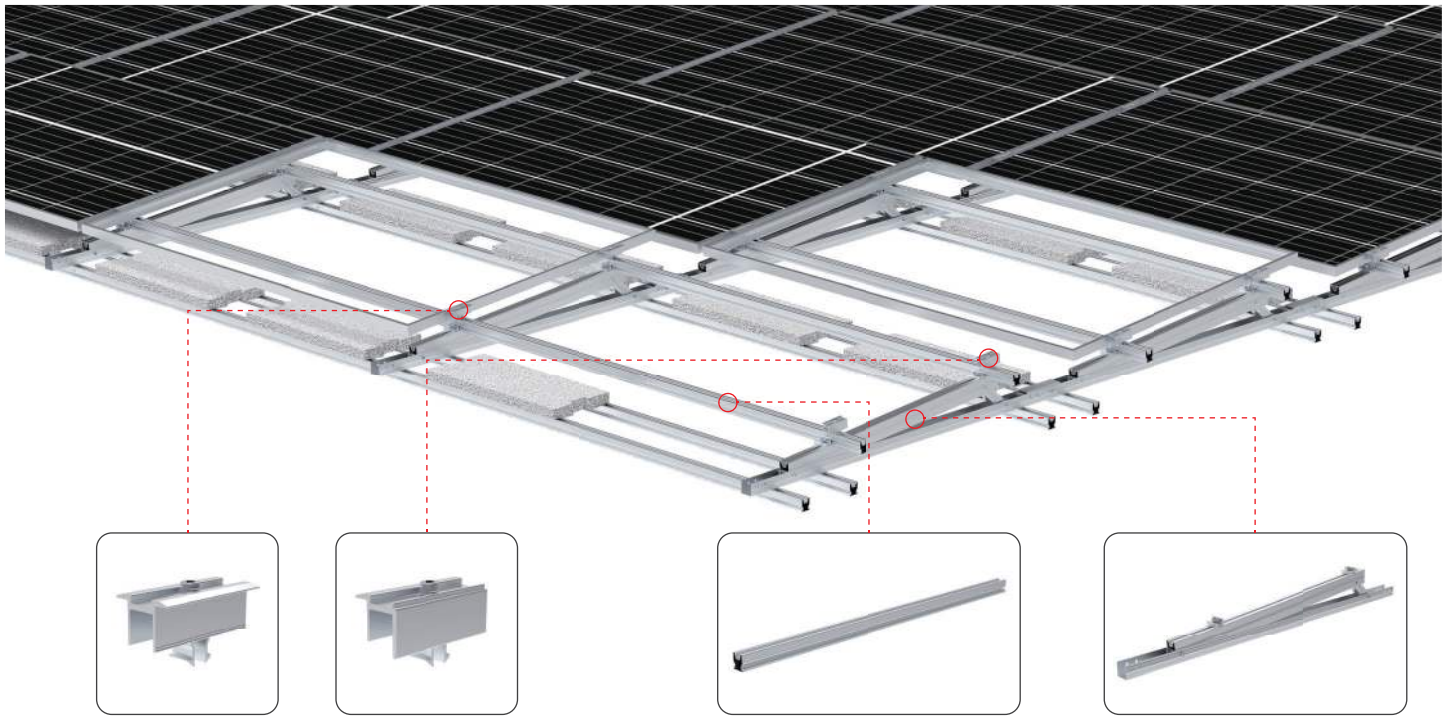


Single-sided With Rail Type



Double-sided With Rail Type

▶▶ There are several structure types for your option. Final solution will be based on site-specific conditions.



## NOVA TRIPOD BALLAST

Nova TRIPOD ballast is a classic design in Megawa Solar's concrete roof mounting solutions. Its foldable design allows for various angle adjustments and makes it suitable for a wide range of scenarios. It can be used with movable cement ballast or a fixed cement foundation and can be directly secured to the roof with chemical bolts. Additionally, it can be combined with other equipment and racks on the roof to meet diverse customer needs.

## TECHNICAL PARAMETER

Application	Flat Roof		
Material	AL 6005-T5/SUS304	Seismic Load	Lateral Seismic Factor: $K_p=1$ ; Seismic Coefficient: $Z=1$ ; 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; DIN1055; ASCE/SEI 7-05; International Building Code: IBC 2009
Wind Load	$\leq 45$ m/s		
Snow Load	1.5KN/m <sup>2</sup>	Warranty	10 Years Quality Warranty, 25 Years Life Span Warranty
Panel Orientation	Landscape/Portrait		
Tilt Angle	0°~45°		

