



ECO Pro Ballast System

For flat and ground mounting,
Cost 45% less, 100% waterproof

Quickly

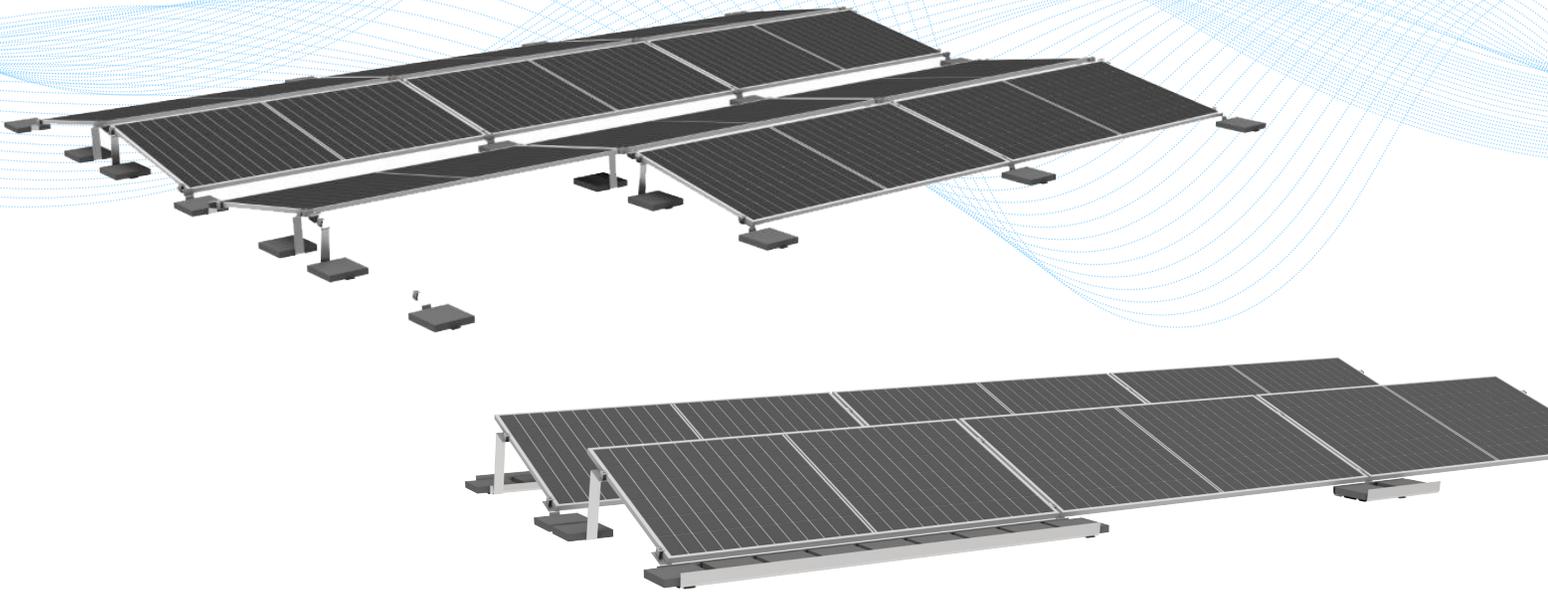
- Automated production line
- Professional package team
- Certified production process

Premium Materials

- MAC Steel
- Aluminium 6005-T5

Standard or OEM

- Standard tilt 10°
- Standard for small and big modules
- Customized tilt angles



1

Application

Suitable for flat roofs and flat ground
East to west
North to south

2

Stronger

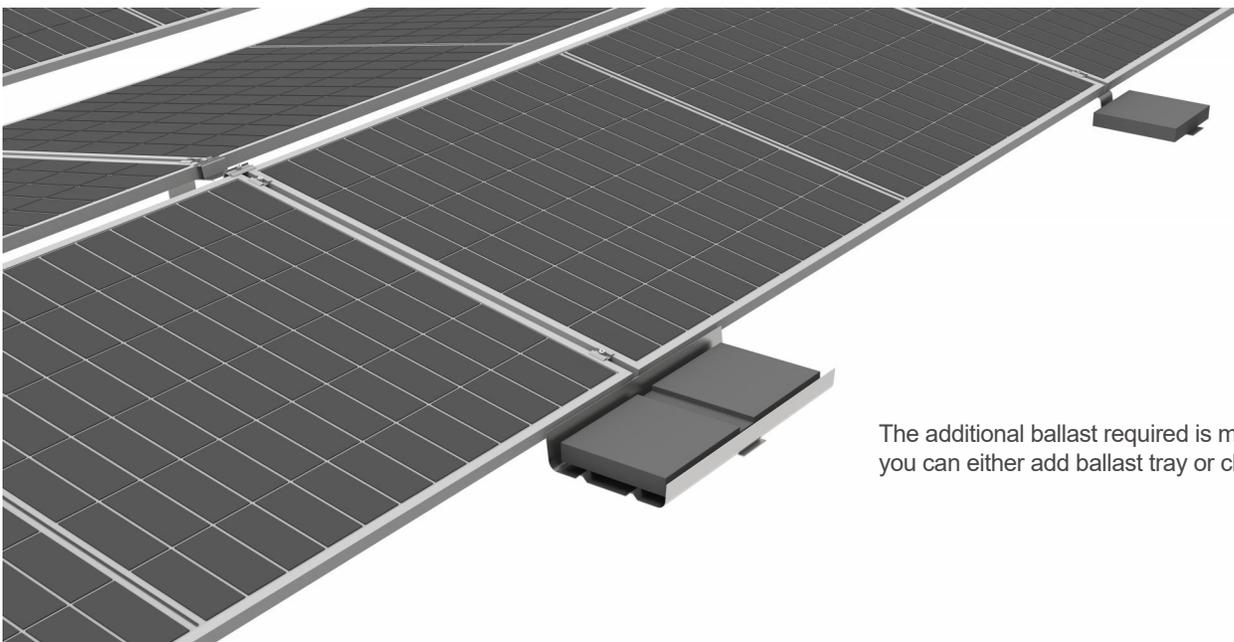
Made by MAC steel
Heavy self-weight,
low ballast required
Each rows integrated as one complete

3

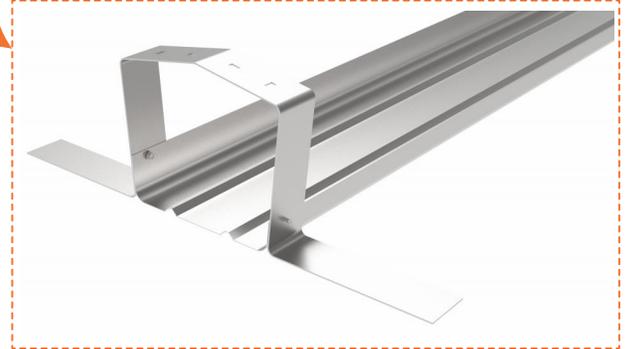
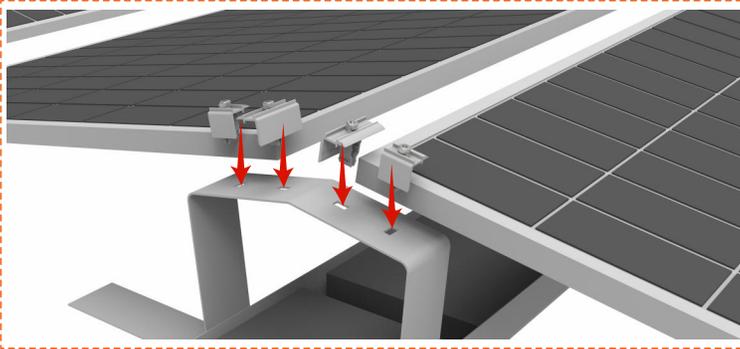
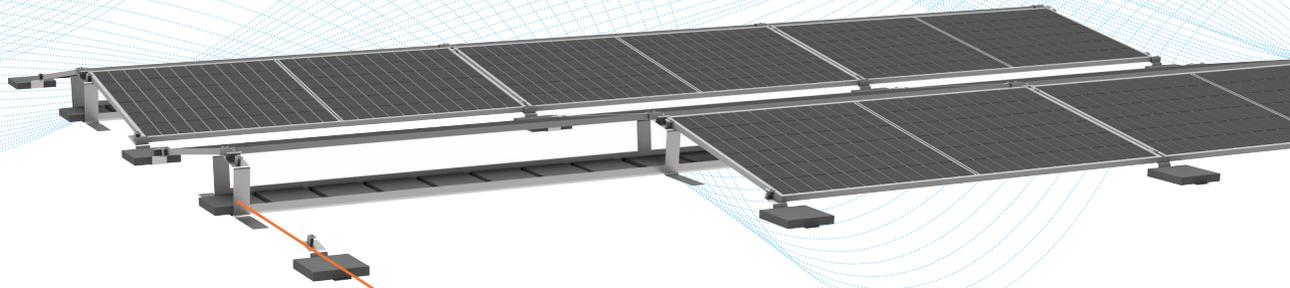
Maximum Saving

45% less cost compared with
traditional aluminum ballast
30 % less installation time

Installation Display



The additional ballast required is minimal,
you can either add ballast tray or choose not to.



1 Easy installation
Click rule to install modules
Less components
One tool only

2 Waterproof
No drilling
100% protects the rooftop

3 Flexible
Works modules width:
950-1150mm
OEM tilt angle workable

Components

W/E



• Front leg

• Back leg

• Connector leg

N/S



• Front leg

• Back leg

• Connector leg

Universal



• Ballast Tray 1

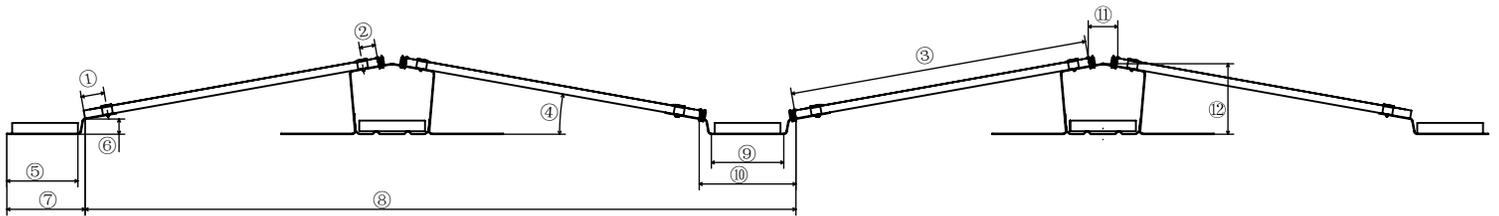
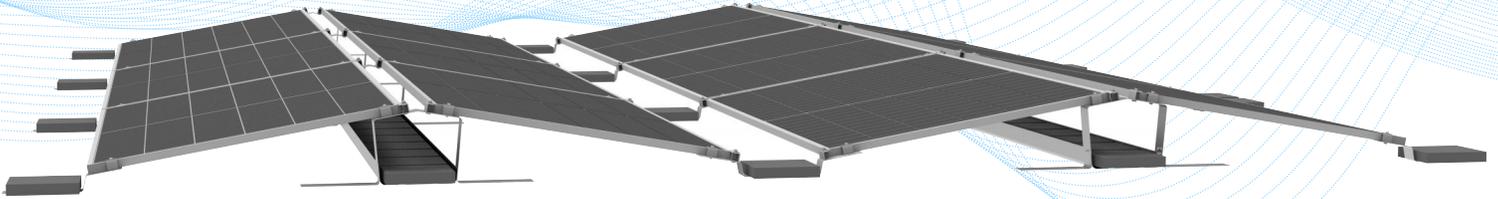
• Ballast Tray 2



• Mid clamp



• End clamp



Technical data

	① [mm]	② [mm]	③ [mm]	④ [mm]	⑤ [mm]	⑥ [mm]	⑦ [mm]	⑧ [mm]	⑨ [mm]	⑩ [mm]	⑪ [mm]	⑫ [mm]
ECO Pro-182mm-Short spacing	88.5	69	950-1134	10°	270	59	303	2163-2568	78	182	112	230
ECO Pro-350mm-Long-spacing	88.5	69	950-1134	10°	270	59	303	2331-2736	245	350	112	230

	ECO Pro Ballast W/E	ECO Pro Ballast N/S
Scope of application	Flat roof with foil, bitumen, gravel, concrete	
Fastening type/roof fixture	Ballasted; no roof penetration for inclination < 3	
Requirements	Permissible module W: 950-1134mm Minimum system size: 4 modules	Permissible module W: 950-1134mm Minimum system size: 2 modules
	Clamping corner areas permitted	
Roof Pitch	Up to 5 ° without roof anchors, above with roof anchors	
Row space	Tilt angle: 10°= 0 °shading angle	Tilt angle: 10° around 20 °shading angle
Inclination angle	10°	20°
Material	Legs, ballast kits:MAC Steel Clamps:Anodized Aluminium 6005-T5	