



Arch 6.0 System

Flat roof, low ballast loaded
easy and simple

Quickly

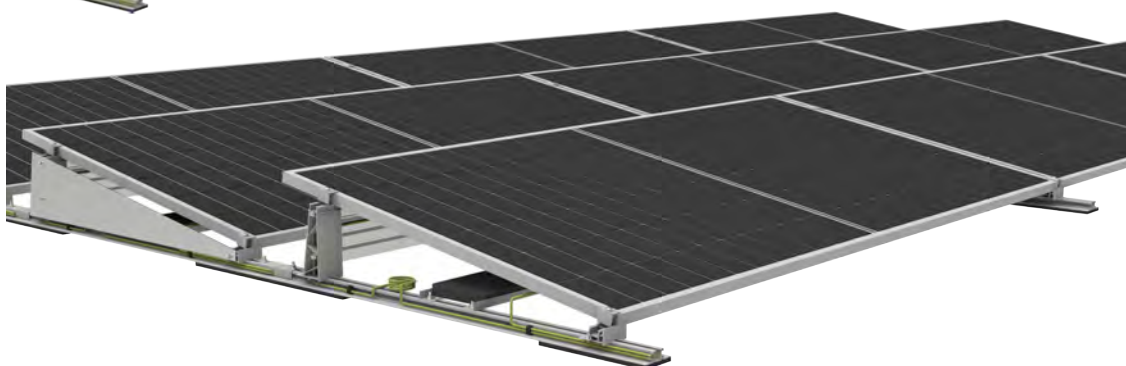
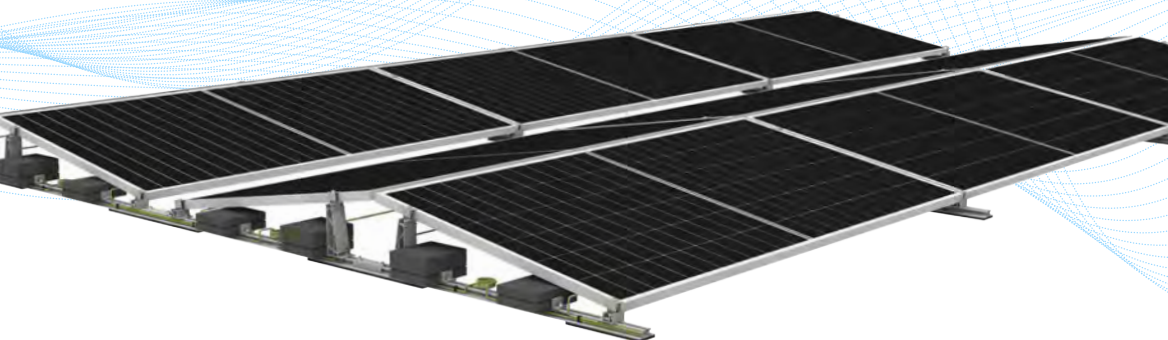
- Automated production line
- Professional package team
- Certified production process

Premium materials

- Aluminium 6005
- SUS 304 fasteners
- Rubber pad integrated

Standard Or OEM

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



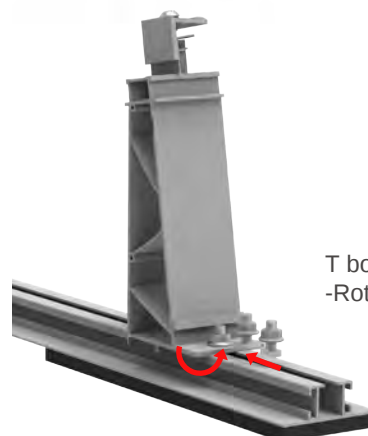
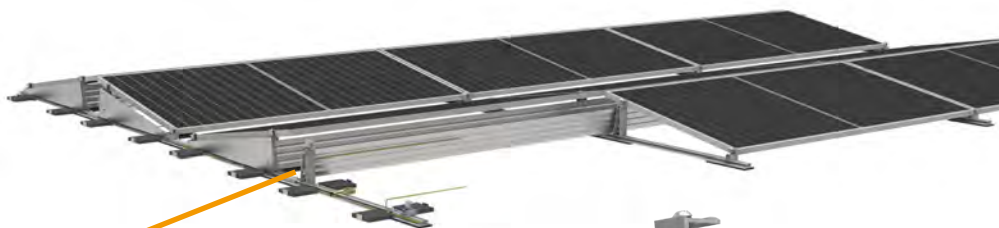
- 1 Flexible**
For any flat roofs
East- west
North- south

- 2 Easiest Installation**
T bolt to fix beam
3 steps for quick install
Predefined profiles,
no cutting or measuring

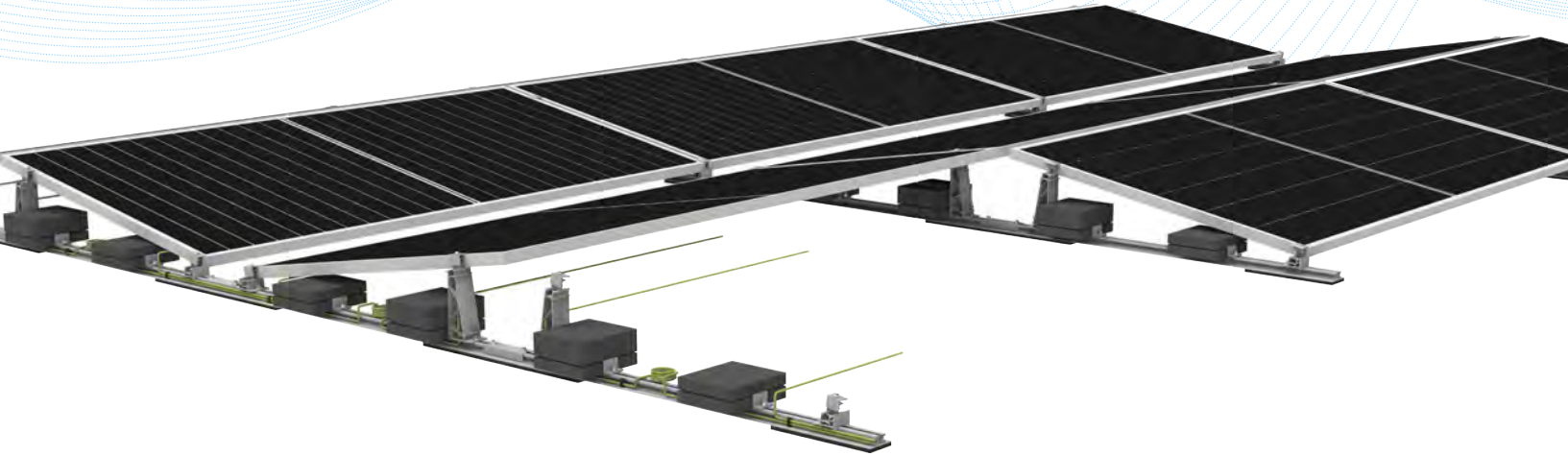
- 3 Optimized**
Ballast-optimized
Windbreaker-optimized
Install solar cable optimized

Installation Display

Optimized:-Use windbreaker to improve
the lifespan of the solar panels protect
-Less wind, low load



T bolt, Insert
-Rotated -Fix



1

Force on the Roof

Lightweight, little ballast
Low point load
Different types of ballast possible

2

Maximum Saving

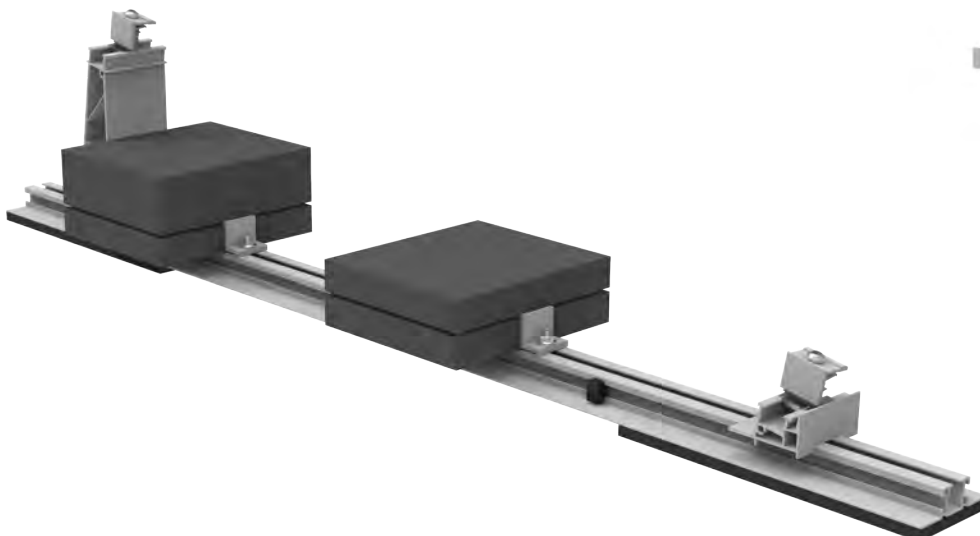
Cost saving
Time saving
Labor saving

3

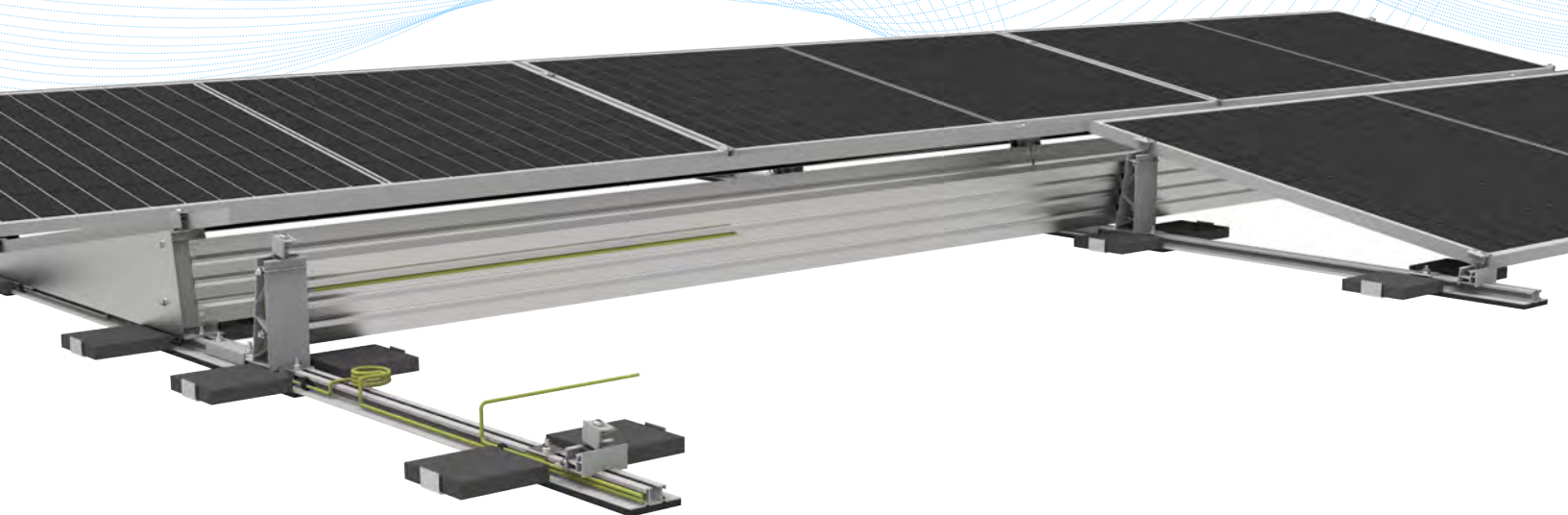
Easiest Installation

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Installation Display



Concrete Clamp,
simple and easy to install



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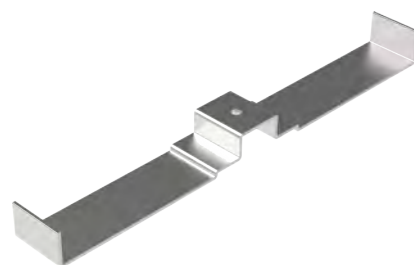
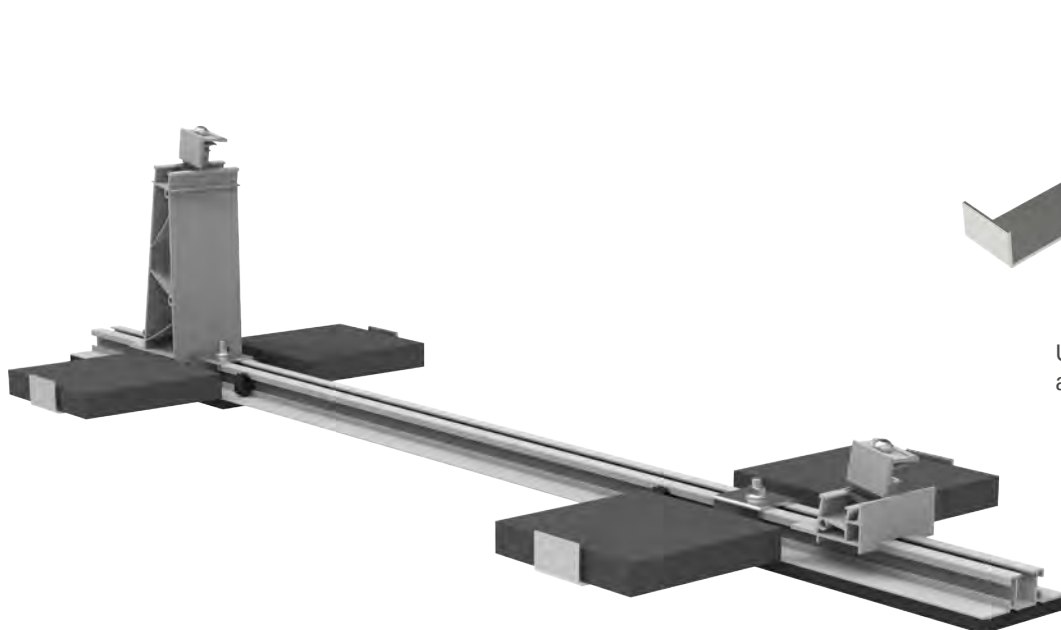
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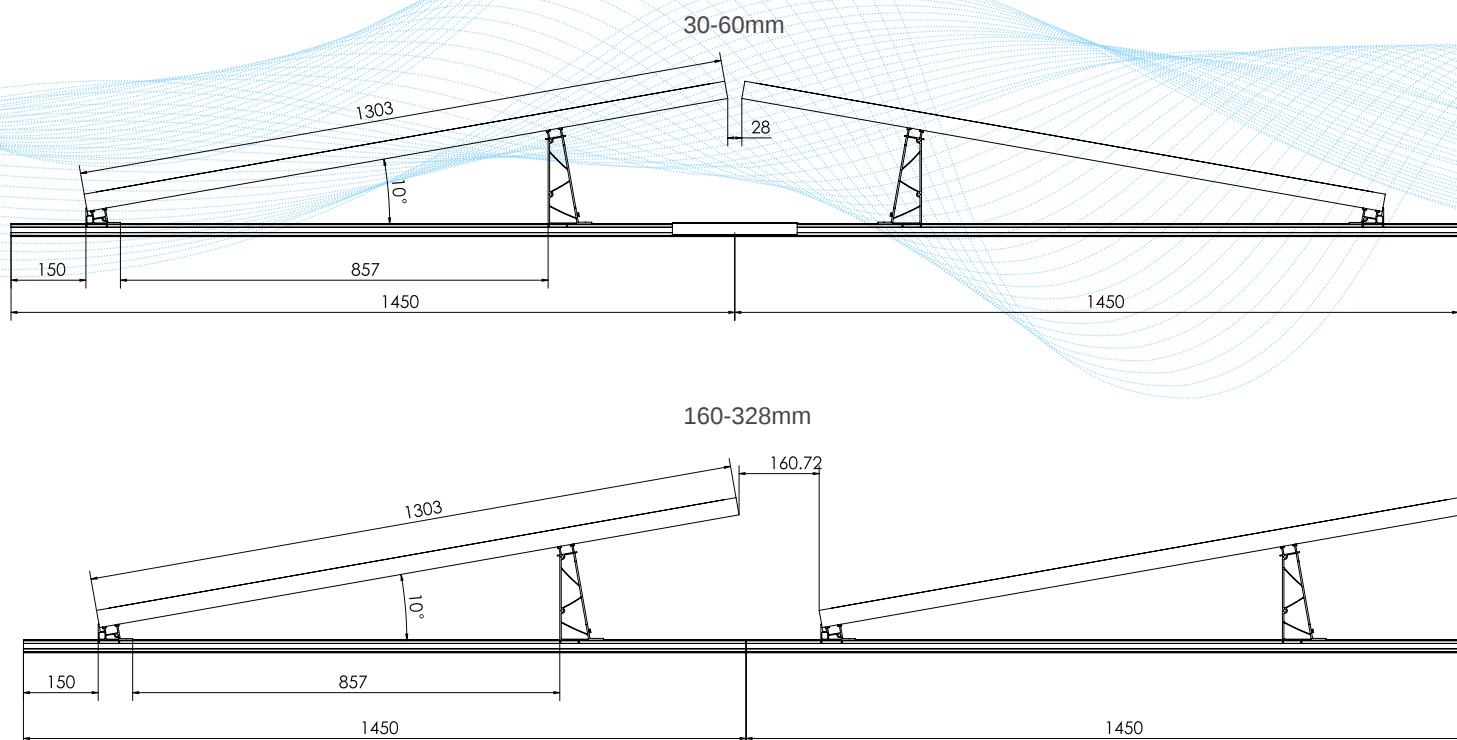
Aerodynamic and closed

system
Both back and side wind breaker
are used to improve the life span
of the solar panels protect

Installation Display



Use ballast tray: for quick install
and low load-limit of the rooftop



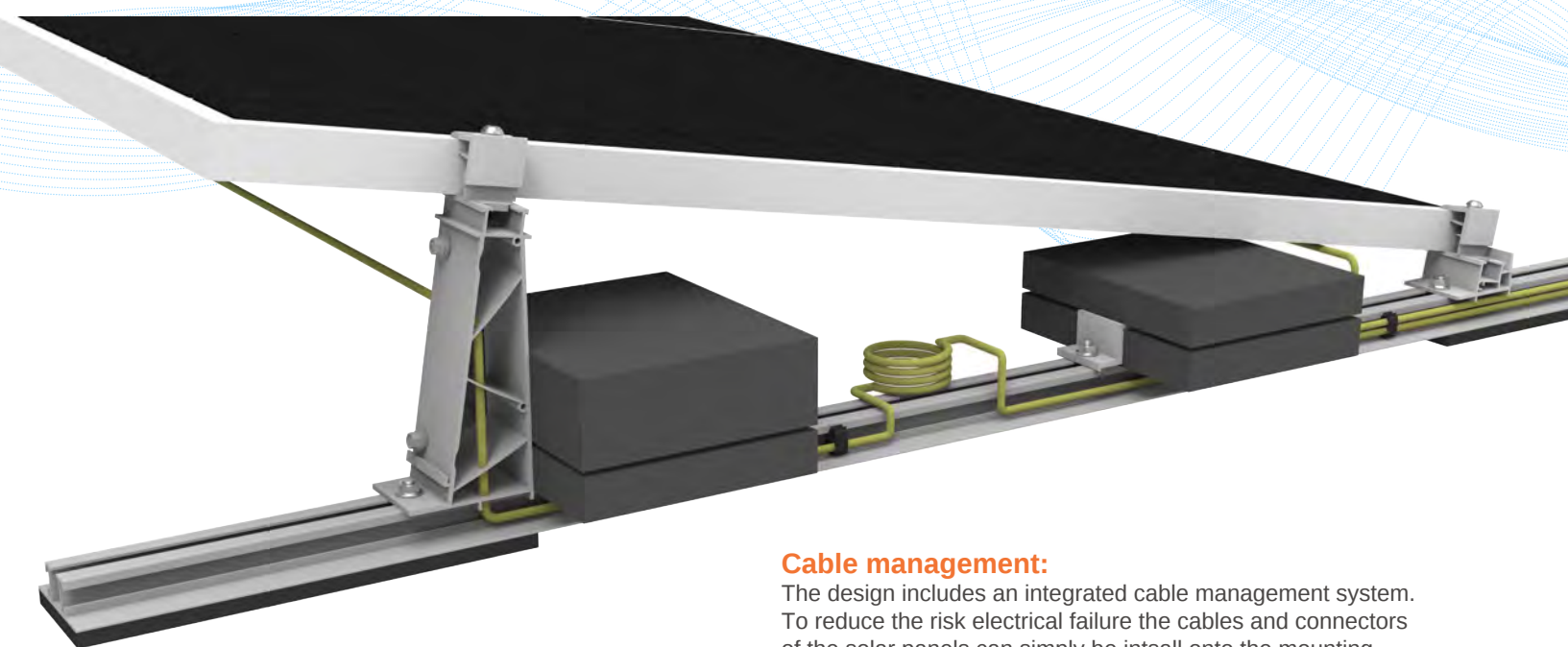
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Windbreaker-optimized
Install solar cable optimized

Technical data

	ARCH 6.0 N/S	ARCH 6.0 W/E
Scope of application	Flat roofs $\leq 5^\circ$ with single ply membrane or bituminous roof covering, also on concrete, gravelled or green roofs	
Fastening type/roof fixture	Ballasted; no roof penetration for inclination $\leq 3^\circ$	
Requirements	- Permissible module W: 1134-1303mm - Minimum system size: 2 modules	- Permissible module W: 1134-1303mm - Minimum system size: 2 supports (4 modules)
	Clamping in corner areas permitted	
Technical specifications	- Thermal separation after a maximum of 15.5m - Minimum distance to the edge of the roof 600mm	
Inclination angle	10°	
Material	- Beam, legs, clamps, ballast kits: Aluminium 6005 - Windbreaker: Steel with Magnelis coating - Rubber pad - SUS 304 fasteners	



Cable management:

The design includes an integrated cable management system. To reduce the risk electrical failure the cables and connectors of the solar panels can simply be installed onto the mounting system so the cabling does not rest on the roof.

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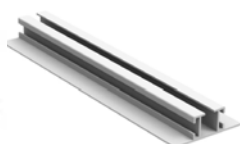
Arch 6.0 Kits



• WQ-ARCH6-B-10
Back Leg, 10 deg



• WQ-ARCH6-F
Front Leg



• WQ-J74-BR
Base Beam



• WQ-ARCH6-BRS
WQ-ARCH6-BRS



• WQ-TRM-3035-S
Universal Mid clamp



• WQ-TRE-3035-S
Universal End clamp



• Ballast kits (option)



• Ballast kits (option)



• Ballast kits (option)



• Side Windbreaker



• Back Windbreaker



• WQ-PMD
Rubber Pad



• Cable clip