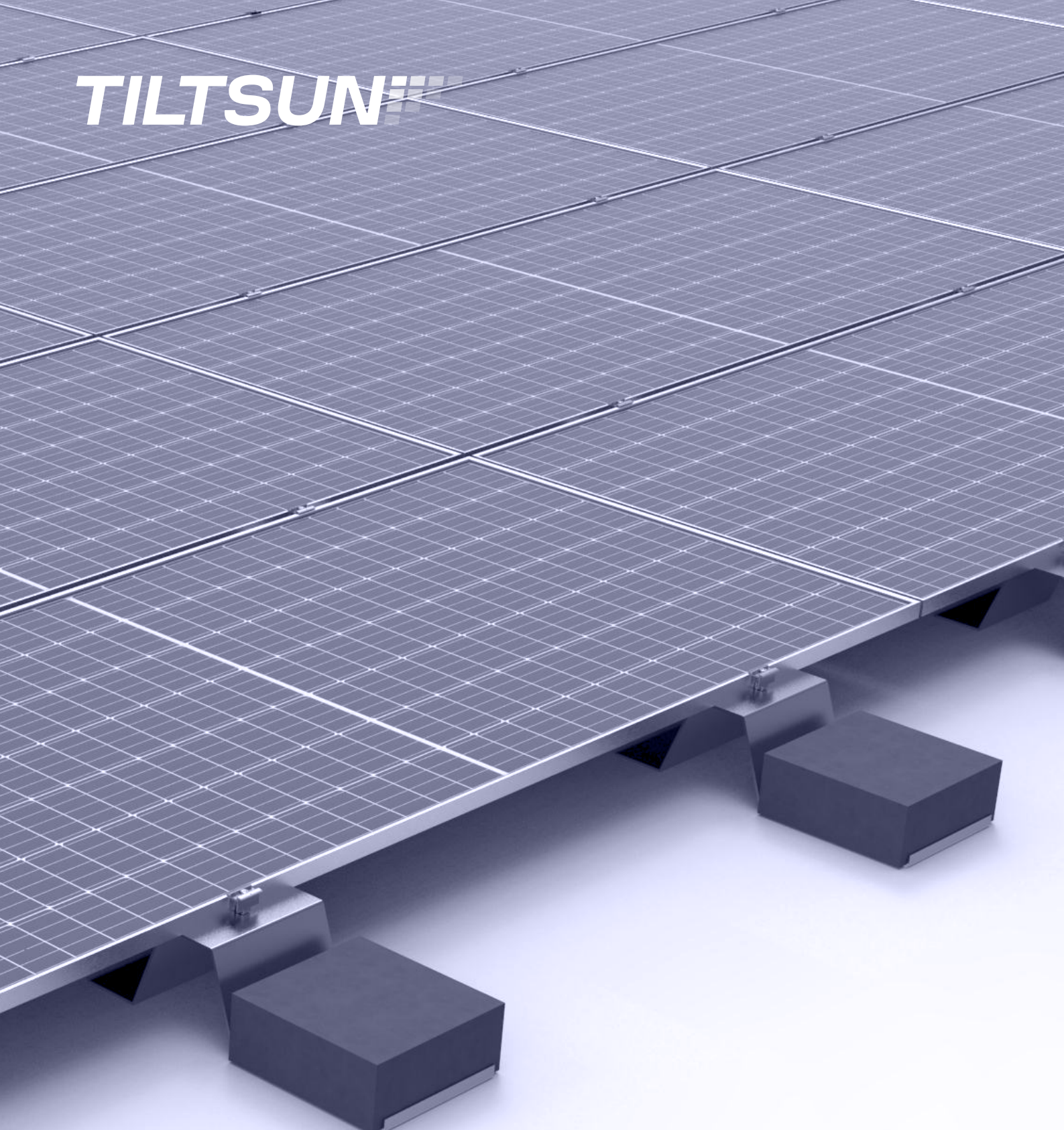
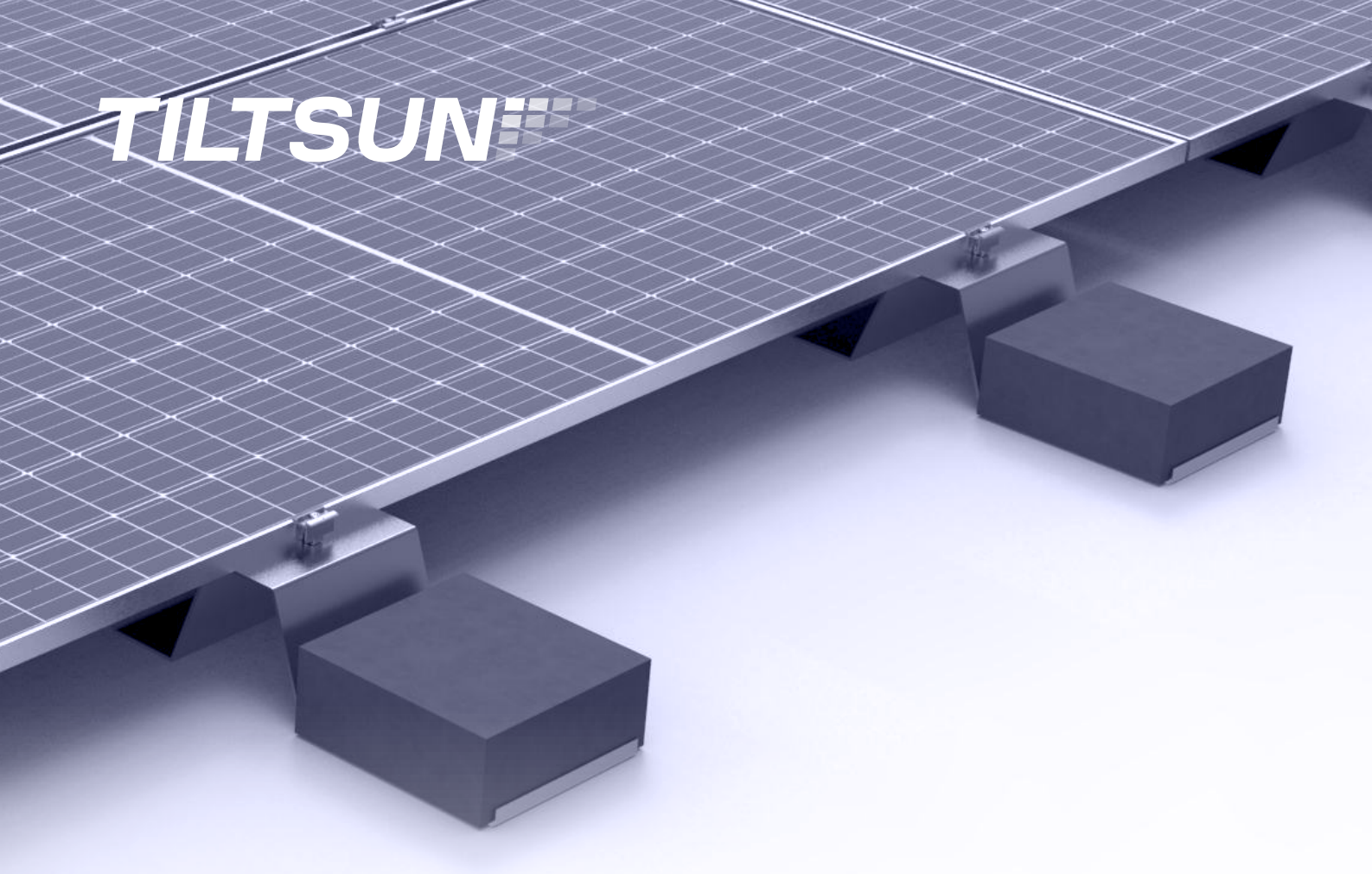




TILTSUN

OVERVIEW

Flat System



TILTSUN

TiltSun Flat System

The flat system installation is ideal for large-scale solar farms that prioritize space efficiency and simple installation. Panels are closely joined, forming a continuous surface without the gaps typical of tilted or rack-mounted systems.

This setup is particularly suitable where aesthetics or space optimization are critical, and where soil conditions or environmental concerns limit excavation or deep foundations. Its compact, ground-level design also offers advantages in climates with high winds or structural challenges.

MAIN FEATURES

Land Efficiency

— **Space-Efficient Solution**

Requires less land area compared to conventional tilted systems, making it ideal for locations where space is a premium.

— **Gapless Panel Design**

The design allows panels to be joined together without gaps, maximizing the surface area for energy generation and minimizing wasted space between arrays.

MAIN FEATURES

Easy Installation

Foundation-Free Installation

No need for deep foundations or ground penetration, reducing installation time and complexity.

Simplified Ballast System

Simple ballast system minimizes the need for heavy construction equipment or specialized labor.

Easy Panel Clamping

Easy clamping system for solar panels fixing.



TILTSUN

Flat System

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MAIN FEATURES

Reduced Visual Impact

— Low-Profile Installation

The flat orientation and compact layout create a low-profile installation, making it less visually intrusive in sensitive environments.

MAIN FEATURES

Lower Structural Requirements

No Complex Racking Needed

Eliminates the need for complex racking structures to support tilting, lowering material costs.

Reduced Wind Loading

Reduces wind loading and the risk of damage in high-wind environments because of its low height and flush installation.

MAIN FEATURES

Environmental Considerations

Minimal Ground Disruption

Minimizes disruption to the ground beneath, as the system doesn't require invasive foundations.

Eco-Friendly Decommissioning

Ballasted systems can be more easily removed and leave less environmental impact after decommissioning.

Technical Specification

Application	Flat ground
Foundation	Non-Penetrating
Module	Landscape
Tilt angle	0°
Material	Aluminium
Grounding	Integrated
Certifications	CE, ISO 9001 & 1009
Manufacturing	Made in EU
Warranty	25 Years