

# Moisolar

Data Sheet

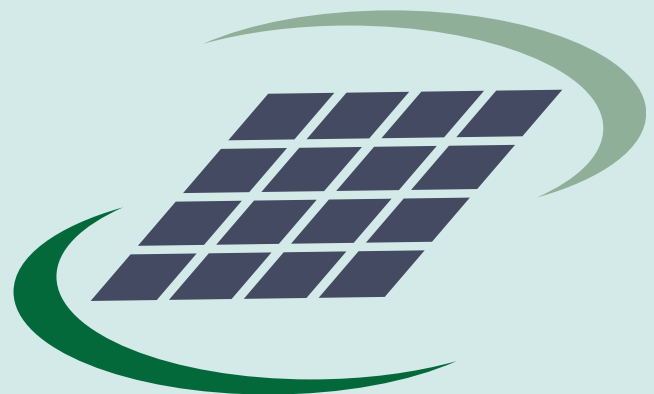


Designed for Nordic Conditions

## **NORDIC FLAT**

### **EAST-WEST Portrait 15**

Mounting System for Flat Roofs



**Quick & Easy to Install | 35 Years of Material Warranty | Durable**



+358 45 787 53966



info@moisolar.com



moisolar.com



A European-designed and wind tunnel-tested mounting system, built to withstand harsh Nordic conditions. Carefully selected materials and optimized aerodynamics ensure a secure and durable solution for both the roof and solar panels.

The high-quality design considers snow loads, roof pressure and water drainage, wind conditions, and compatibility with various roofing materials, ensuring a long-lasting and reliable installation.

Meets the manufacturer's warranty requirement for the 5400 Pa snow load class with the most common solar panels. The need for additional weights is up to 90% lower compared to the south oriented mounting. Up to 50% more panel output from the same roof.

### KEY FEATURES



<b>INSTALLATION ANGLE</b>	15 degrees
<b>ROW SPACING</b>	>3700 mm (module pair)
<b>ROOF TYPE</b>	For most common flat roof types Roof angle $\pm$ 5 degrees, in special cases $\pm$ 10 degrees
<b>MATERIALS</b>	Zinc-Aluminum-Magnesium Coated Steel, RST, Aluminum
<b>ROOF LOAD</b>	Frame Weight Starting from 3.95 kg/m <sup>2</sup> , Total with Panel 14.72 kg/m <sup>2</sup> + Additional Weights if Needed
<b>DESIGN BASE</b>	SFS EN1991-1-4/3
<b>COMPATIBLE SOLAR PANELS</b>	Compatible with All Common Solar Panels, max length: 180 cm. Frame thickness: 30–40 mm.
<b>WARRANTY</b>	35 Years

