



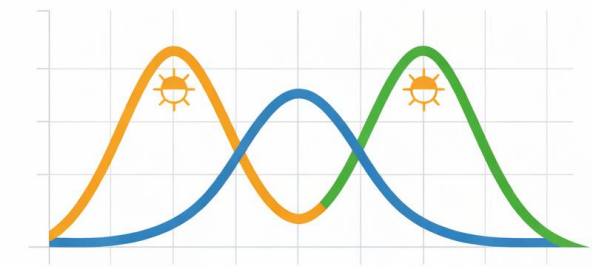
AlphaTracker

Vertical Structure
DATASHEET

Our mounting system redefines efficiency through a vertical bifacial approach. Unlike traditional south-facing setups, this technology utilizes high-performance bifacial cells to capture sunlight from both sides. By aligning the modules East and West, we optimize energy production during the early morning and late afternoon hours—precisely when electricity demand and market value are at their peak. This design not only maximizes yield but also ensures a minimal land footprint, making it the perfect synergy for agricultural and environmental integration.



Achieve up to 10% higher electricity yields per installed kW compared to conventional ground-mounted systems.



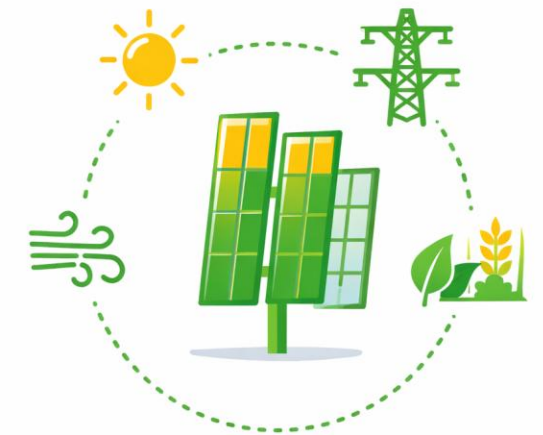
Grid-compatible Feed-in Profiles

Optimized energy input during morning, afternoon, and evening to stabilize the electricity grid.



Advantages of Vertical Structures

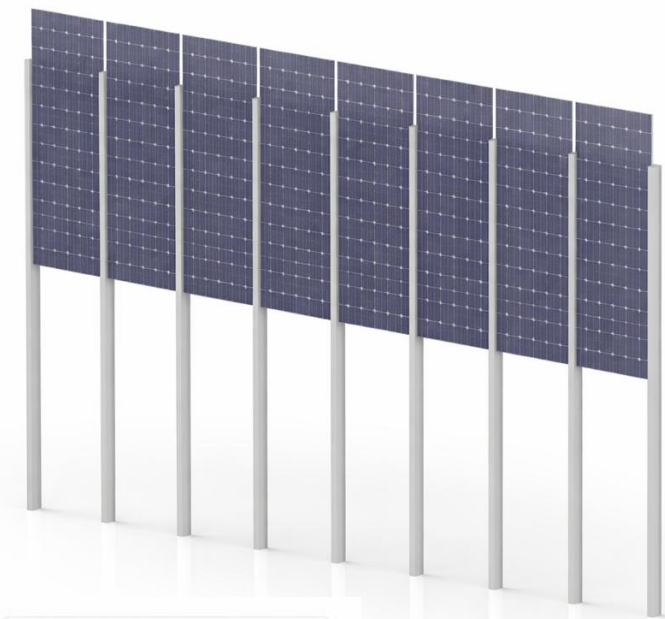
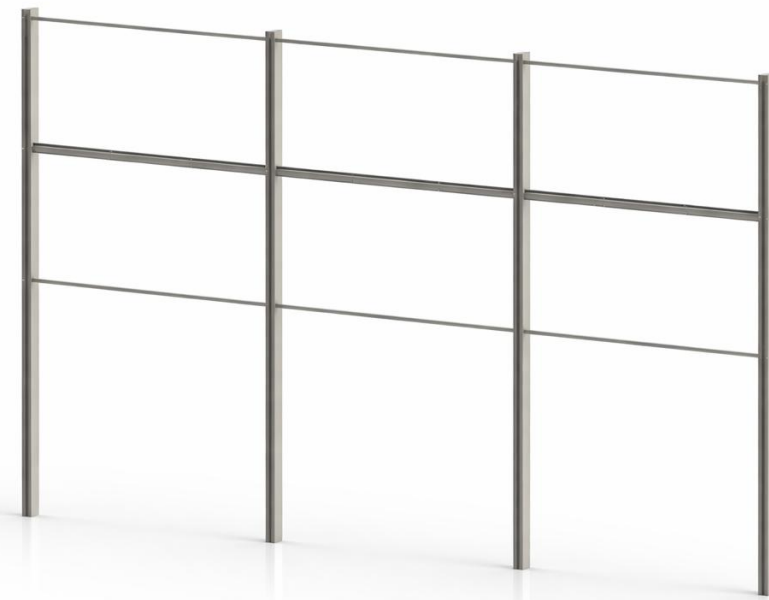
- Balanced energy production: higher output in morning and evening hours.
- Grid-friendly profiles: smoother feed-in, reduced curtailment risk.
- Low soiling and snow losses: vertical layout enables natural cleaning.
- High wind resistance: reduced aerodynamic loads.
- Efficient land use: minimal footprint, compatible with dual land use.
- Optimized for bifacial modules: strong rear-side irradiation gains.
- Low visual impact: better landscape integration.
- Simple and modular design: fast installation, reduced O&M.
- Reliable in harsh climates: suitable for high latitudes and extreme weather.



Advantages of Vertical Structures

Fast & Easy Installation

Our vertical solar structures are designed for a simple and efficient assembly process. Thanks to a reduced number of components, installation is quick, straightforward, and cost-effective, minimizing on-site labor and speeding up project execution.



Minimal
Components



Quick
Installation



Cost
Effective

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