

SOLON Mira

Fixed-tilt solution for PV power plants.



- › PV mounting system optimized for SOLON modules
- › Efficient land utilization
- › Customized configuration solutions
- › Based on our long-standing experience on PV power plant solutions

SOLON Mira

For many years SOLON has implemented PV power plants worldwide and is deemed to be a pioneer in tracking systems with the complete PV system SOLON Mover. This long-standing experience

in developing power plant solutions is the basis for the SOLON Mira – our fixed-tilt system for SOLON modules.



System characteristics

- PV mounting system for SOLON modules
- Base will be chosen depending on soil conditions
- Well adaptable to the specific location and applicable to inclined slopes
- High cost-efficiency due to easy installation
- Final design dependent on site conditions and customer requirements

Modules

SOLON Blue	Nominal power P_{max} 235 Wp
SOLON Black	Nominal power P_{max} 235 Wp

System data

System height	4.6 ft with 25° inclination (distance between bottom edge of module and ground 2 ft.)
Material	Aluminum and hot-dip galvanized steel
Angle of inclination	0° – 35°
Monitoring & control	SOLON Vega
Wind resistance	111.8 mph (180 km/h) (according to structural calculation) ¹⁾ According to ASCE 7-05
Certificates	CE, TÜV: IEC 61215, IEC 61730
Required space	Approx. 5.19 acres for 1 MW, based on topography, location and vegetation

¹⁾ Depending on foundation and soil characteristics.

