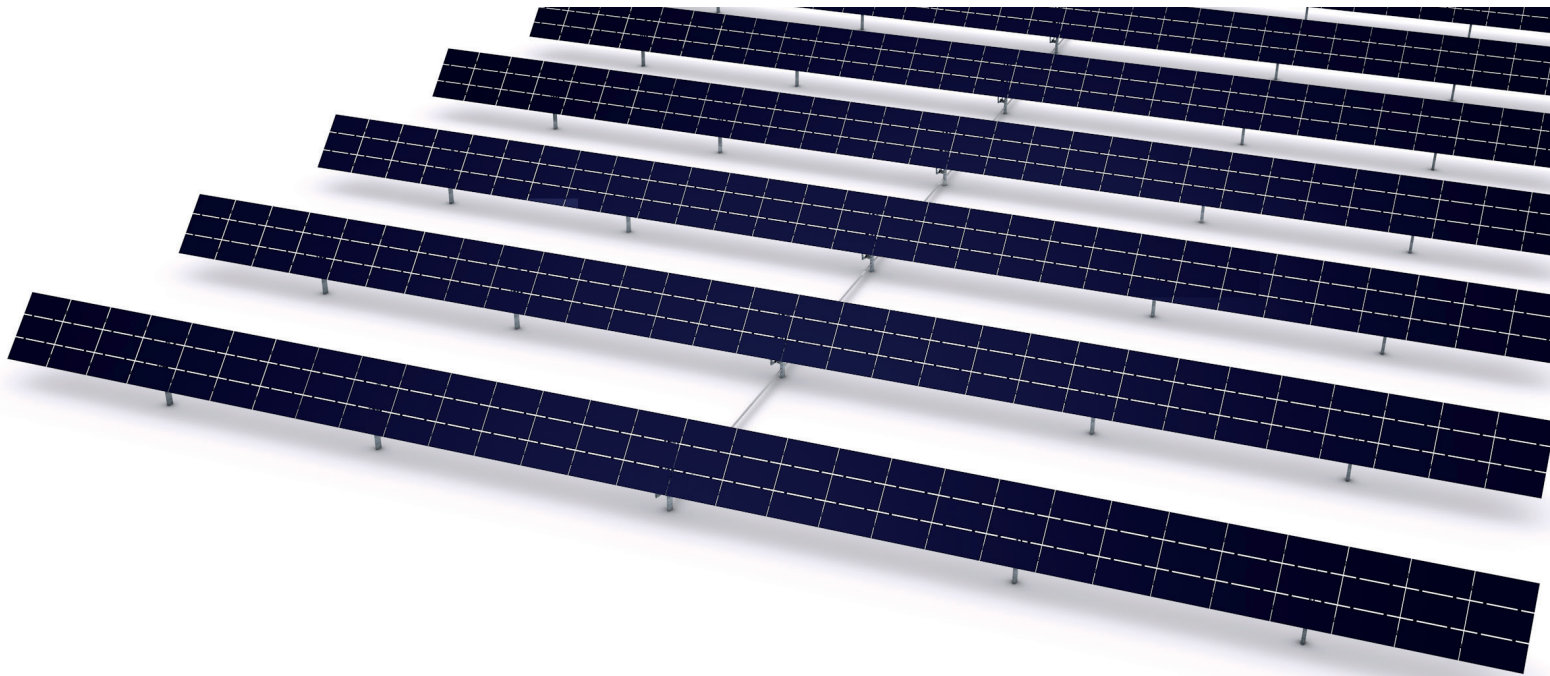




## Less Maintenance, More Power

At Exosun, our solar trackers are the result of perfectionist engineering and years of hands-on experience. Flawless in their simplicity, robustness, and flexibility, our trackers are the smartest solution on the market for smooth and fast project deployment, high solar performance and profits.



### Highest flexibility for flowing topography

- ▶ Follows hilly landscapes without land grading.
- ▶ 10% slope tolerances in all directions & between tables.
- ▶ Short tables for perfect layout flexibility.

### Unrivalled simplicity for smooth and fast installation

- ▶ Highest raming and installation tolerances.
- ▶ Mechanical installation less than 250 man-hours/MW (without FS module assembly and installation).
- ▶ Fast deployment and increased safety: no specific machine needed thanks to lightweight parts.

### Market leading reliability: Avoid unexpected OPEX

- ▶ Balanced design, structural stiffness, and high quality materials.
- ▶ Complete lubrication-free solution, no on-site yearly greasing.
- ▶ Limited maintenance with few electromechanical parts.

1000 & 1500 V (3x30)

| GENERAL CHARACTERISTICS              |  |
|--------------------------------------|--|
| Tracked area                         | Up to 1296 m <sup>2</sup> (13 950 ft <sup>2</sup> )                  |
| Motors per MWp*                      | 4.7  |
| Power per tracker (117.5 Wp modules) | Up to 211.5 kWp  |
| Rows per tracker*                    | Up to 20   |
| Strings per row                      | 9 strings of 10 modules in 1000V<br>6 strings of 15 modules in 1500V |
| Daily tracking                       | ± 50°  |
| Piles per MW*                        | 472  |
| Foundation installation tolerances   | xy : ± 4 cm (1.6 in), tilt ± 2°, twist ± 8°, z : ± 4 cm (1.6 in)     |
| Module configuration                 | 3 in landscape (3*30)  |
| Module fixation                      | First Solar FastMount™ System  |
| Slope acceptance                     | Up to 10% between tables. Undulating slopes accepted                 |
| Ground coverage ratio*               | From 30 to 50%   |

| MATERIALS AND DIMENSIONS |   |
|--------------------------|---|
| Structure                | Maintenance-free movement transmission<br>HDG / Galvanized steel / Stainless steel / Composite / Aluminum |
| DC string management     | Cable trays or raceways or FS trunk bus   |

| ELECTROMECHANICAL CHARACTERISTICS AND AUTOMATIC DEVICE |  |
|--|--|
| Drive type   | Brushless gear motor, 3 phases, 400 VAC (CE) or 460 VAC (UL)                             |
| Power consumption*                                     | ± 500 kWh/MWp/year (including stand-by mode)   |
| Control system architecture                            | Exobox centralized piloting system. Individualized tracking program<br>Up to 1 per 10 MW |

| REMOTE CONTROL AND SCADA INTERFACE |                                 |
|------------------------------------|---------------------------------|
| Remote control                     | Via ExoPortal -web application- |
| Monitoring and data access         | Via OPC server or Modbus TCP    |

| WIND RESISTANCE* Eurocodes (ASCE 7-10) |   |
|--|---|
|  | Indicative value, can vary depending on tracker configuration |
| In any position                        | Up to 100 km/h (62 mph)                                       |
| In stow position                       | Up to 180 km/h (105 mph)                                      |

| WARRANTIES |   |
|------------|---|
| Warranties | 5 years on product - 10 years on structure<br>Optional warranties available - 20 years extensions |

\* Project specific  
Other configurations according to site specificities

First Solar  
Series 4  
1000 and  
1500V  
3x30

