



CONERGY

Photovoltaic modules | Technical data

Etatrack active 1500

Active solar tracking system

- | Total module surface up to 15 m²
- | Maintenance free
- | High reliability and life expectancy
- | Low power consumption, ca. 1.25 kWh / year
- | No unnecessary tracking movements
- | No failure prone light sensor !
- | Designed to withstand wind speed up to 150 km/h
- | Cost-efficient tracking system

Application

- | single-axis solar tracking increases the energy return of solar modules by 25 % per year in average respectively up to 55 % during the summer months

Tracking

- | Angle East-West: 90°, active
- | Elevation angle: 0° – 45°, manually adjustable
- | No separate sensors, it uses the modules as a sensor¹
- | Energy supply of tracking drive: 12 V nominal – 200 V (V_{OC}) provided by one of the tracked modules¹
- | Horizontal position at night
- | Tracking in steps according to the daily sunshine duration

Module Surface and Fixation

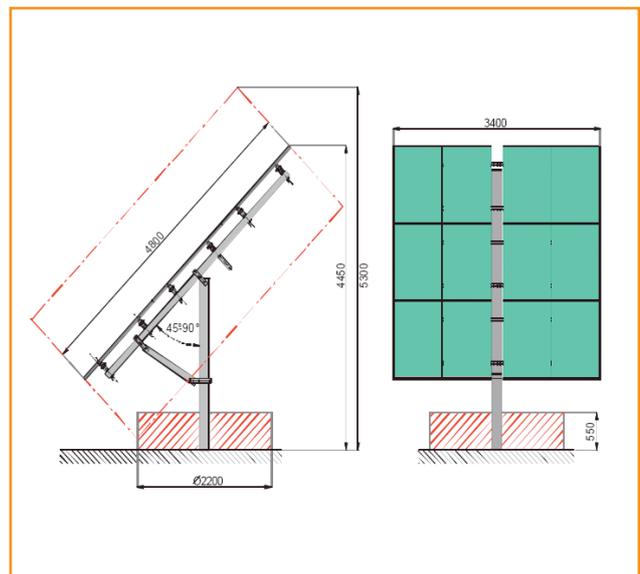
- | 15 m² total module surface (up to 2,000 Wp, dependent on module type)
- | Fixation: stainless steel clips, fitting for most module types – no drilling of additional holes into the module frame!

Mounting and Foundation

- | Mounting pole: 2.5 m
- | Surface concrete foundation (approx. 2 m³)

Included in Delivery

- | Mounting pole, frame and fixation elements made of steel, Zn coated, stainless steel clips for modules
- | electronics incl. battery in plastic housing
- | linear motor



¹ Tracked PV systems for charging batteries require a small extra PV-module:
Min. 12 V (nominal), max. 200 V (V_{OC})
For latitudes above 45° North: min. 10 Wp
For latitudes below 45° North: min. 5 Wp

Available from: