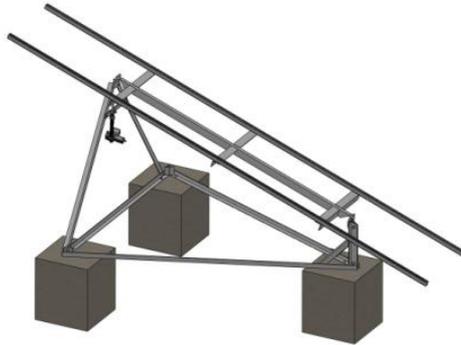
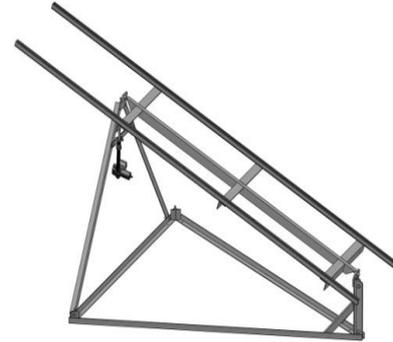


# Datasheet

## DEGER TOPtraker 8.5, 30° – Single axis, active



**DEGER TOPtraker 8.5, 30°**  
with concrete foundations for open land installations



**DEGER TOPtraker 8.5, 30°**  
without concrete foundations for flat roof installations

### Single-axis, active tracking systems suitable for all current solar modules

#### Power spectrum:

- Module output increase up to 30% for all photovoltaic uses.
- For open spaces, landfills and buildings.
- Useable with all current PV modules.
- Worldwide applicability.

<b>Rated power (up to module efficiency)</b>	500 ... 1.300 Wp
<b>Module area up to</b>	8,5 m <sup>2</sup> .
<b>Angle of inclination - south</b>	30°
<b>Movement east - west</b>	max. +/- 45°
<b>Control unit</b>	DEGERconecter
<b>Operating voltage</b>	20 ... 40 VDC
<b>East – west drive</b>	380 mm stroke path
<b>Internal power consumption:</b>	
<b>control mode</b>	0,1 Watt
<b>with operating drives approx.</b>	5 Watts
<b>Power consumption per year approx.</b>	1 kWh
<b>Mast height</b>	---
<b>Load capacity</b>	130...300* km/h
<b>Weight (excluding mast)</b>	115 kg
<b>Maintenance</b>	maintenance-free
<b>Art.no.</b>	1110001

The systems are designed in accordance with DIN 1055-4 (03/2005). Project-specific assimilation to regional provisions. Subject to technical changes for future improvements. \* designed with planning tool.

**Scope of delivery:** Complete dual-axis tracking system, mast, aluminium module carrier system suitable to applied module type, control electronic DEGERconecter with energy converter for effective power-saving operation, foundation drawing and an installation manual.

**Additional support:** Insurance packages, financial concepts and maintenance contracts (Spare Care & Total Care).

### Advantages that pay off

#### Technology

- Market leader for more than 10 years
- Patented control - DEGERconecter
- Easy Plug & Play installation
- Lowest energy consumption

#### Security

- Highest energy surplus
- Maintenance contracts for projects
- Engineering (Made in Germany)
- Availability for more than 99,9%

#### Return

- Highest return
- Best price-performance ration
- Quick ROI
- Fastest amortization

Systems are produced environmentally friendly in an ISO 9001 certified company. Checked statics are certified by TÜV. Certified in North America by directives of the UL/CSA.



DEGERtraker 3000HD



DEGERtraker 5000HD



DEGERtraker 3000NT/HD



DEGERtraker 5000NT/HD



DEGERtraker 7000NT



DEGER TOPtraker 8.5



DEGER TOPtraker 8.5



DEGER TOPtraker 25HD



DEGER TOPtraker 25HD



DEGER TOPtraker 40NT