

DEGERtracker 3000HD / 3000NT / 5000NT Long-term power supplier



For open land

For building integration

Non-binding product illustrations

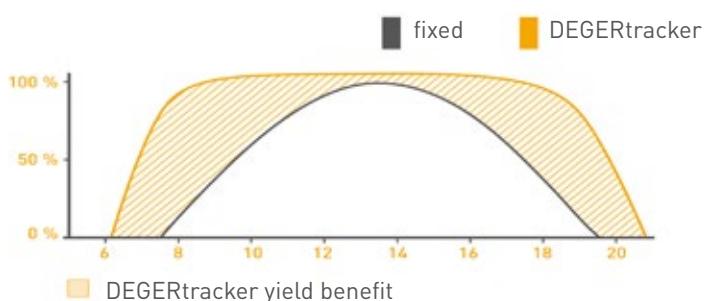
DEGERtracker - Dual-axis tracking system



Dual-axis, active tracking systems from DEGER enable the optimal utilization of all the irradiation energy and achieve yield increases of approx. 45 per cent for all photovoltaic applications. An easy plug-and-play

installation is realised by means of the prefabricated wiring. The decentralized control enables maximum independence. DEGERtracker are "Designed in Germany" and stand for quality and durability.

ADVANTAGES THAT PAY FOR THEMSELVES



TECHNOLOGY

- Efficiency with intelligent tracking.
- Maximum Light Detection control concept
- Premium product from the global market leader
- Low power consumption

TECHNICAL DATA



3000HD ¹⁾



3000NT ¹⁾



5000NT ¹⁾

Nominal output (depending on module type)	2,000 ... 4,000 Wp	2,000 ... 4,000 Wp	4,000 ... 7,000 Wp
Module surface up to	25 m ²	25 m ²	40 m ²
Max. module surface (W x H)	5.05 m x 5.05 m	5.05 m x 5.05 m	8.3 m x 5.3 m
East - West rotation angle	300°		
Elevation pivot angle	20° ... 90°		
Control	MLD		
Operating voltage	100 ... 240 VAC / 50 ... 60 Hz		
East - West actuator	Gears in drive head		
Elevation actuator	835 mm travel		
Materials	stainless steel, aluminium, steel		
Power consumption:			
Control Mode	1 Watt		
with running actuator approx.	15 Watt	8 Watt	12 Watt
Internal consumption per year approx.	14 kWh	7 kWh	16 kWh
Length of mast tube	2.7 m ... 4.9 m	2.7 m ... 4.9 m	2.7 m ... 4.9 m
Max. permissible wind velocity	170 ... 300 ²⁾ km/h	102 ... 300 ²⁾ km/h	102 ... 300 ²⁾ km/h
Weight (without mast/aluminium)	650 kg	600 kg	650 kg
Article No.	1310001	1300001	1500001

¹⁾ System is not available in some countries

²⁾ Laid out with planning tool

SCOPE OF DELIVERY

Complete dual-axis tracking system optionally with different mast lengths, solar module carrier system made of aluminium, matching the module type used, patented control MLD (Maximum Light Detection) with MLD sensor, wind guard and optional snow sensor, foundation plan, assembly instructions.

OPTIONAL SERVICES

Insurance packages, financing concepts and extended warranty, on-site service.

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