

DEGERtracker D60H / D80 / D100 Long-term power supplier



For open land

For building integration

Non-binding product illustrations

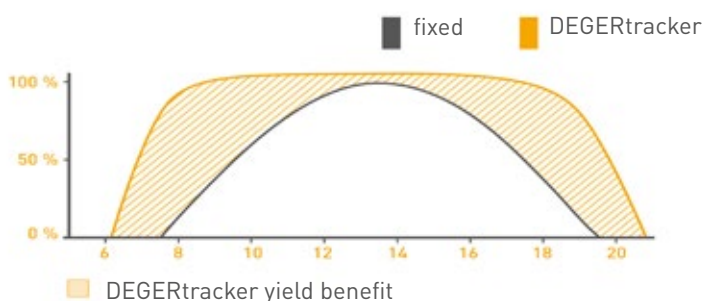
DEGERtracker - Dual-axis tracking system



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

- Demountable base frame
- Short installation time
- Prefabricated wiring
- Maintenance-free bearings
- Hole in mast as cable outlet
- Steeper elevation angle

TECHNICAL DATA



D60H¹⁾



D80¹⁾



D100¹⁾

Nominal output (depending on module type)	4,000 ... 7,000 Wp	6,000 ... 10,000 Wp	8,000 ... 12,000 Wp
Module surface up to	40 m ²	53 m ²	70.6 m ²
Max. module surface (W x H)	8.3 m x 5.3 m	10.05 m x 5.6 m	11.95 m x 6 m
East - West rotation angle	300°		
Elevation pivot angle	10° 90°		
Control	MLD		
Operating voltage	100 ... 240 VAC / 50 ... 60 Hz		
East - West actuator	Gears in drive head		
Elevation actuator	800 mm travel		
Materials	stainless steel, aluminium, steel		
Power consumption:			
Control Mode	1 Watt		
with running actuator approx.	10 Watt	15 Watt	18 Watt
Internal consumption per year approx.	12 kWh	14 kWh	16 kWh
Length of mast tube	3.40 m ... 8.0 m	3.40 m ... 8.0 m	4.0 m ... 8.0 m
Max. permissible wind velocity	170 ... 300 km/h	130 ... 300 km/h	102 ... 300 km/h
Weight (without mast/aluminium)	1,000 kg	1,100 kg	1,150 kg
Article No.	1510001	1600001	1910001

¹⁾ System is not available in some countries
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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