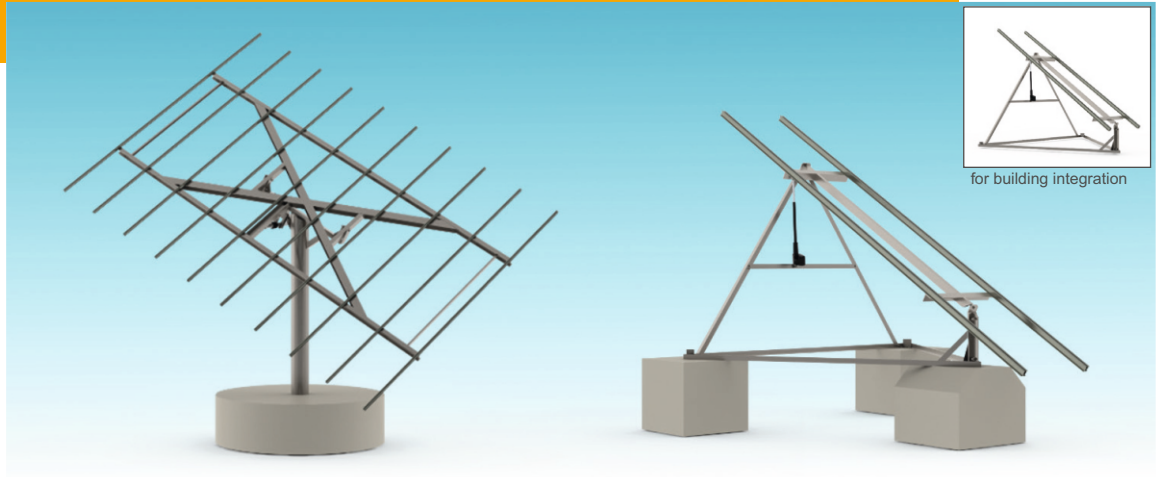


## DEGER TOPtracker® 40NT DEGER TOPtracker® 8.5



For open land

For open land

Non-binding product illustrations

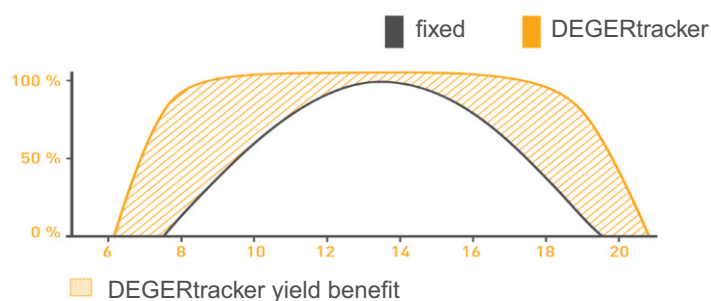
## DEGER TOPtracker® - Single-axis tracking system



Single-axis, active tracking systems from DEGER enable the optimal utilization of all the irradiation energy, suitable for all widely-sold solar modules. You can achieve yield increases of approx. 30 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. DEGER TOPtracker® are "Designed in Germany" and stand for quality and durability.

### ADVANTAGES THAT PAY FOR THEMSELVES



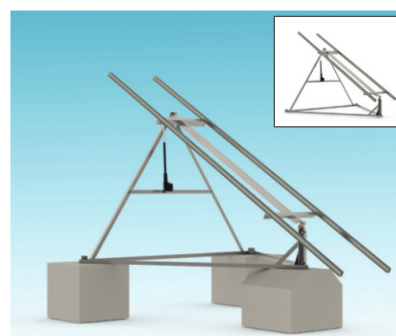
### TECHNOLOGY

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

# TECHNICAL DATA



DEGER TOPacker® 40NT



DEGER TOPacker® 8.5

|                                              |                                    |                                |
|----------------------------------------------|------------------------------------|--------------------------------|
| Nominal output<br>(depending on module type) | 4,000 ... 7,000 Wp                 | 500 ... 1,300 Wp               |
| Module surface up to                         | 40 m <sup>2</sup>                  | 8.5 m <sup>2</sup>             |
| Max. module surface (W x H)                  | 8.3 m x 5.3 m                      | 5.1 m x 1.7 m                  |
| Elevation angle                              | Standard 30° / optional 0° and 15° | 30° / optional 20°             |
| Rotating angle East-West                     | +/- 45° max.                       |                                |
| Control                                      | MLD                                |                                |
| Operating voltage                            | 24 VDC                             |                                |
| Materials                                    | stainless steel, aluminium, steel  |                                |
| Power consumption:                           |                                    |                                |
| Control Mode                                 | 0.1 Watt                           |                                |
| with running actuator approx.                | 12 Watt                            | 9 Watt                         |
| Drive East-West                              | 850 mm travel                      | 380 mm travel                  |
| Internal consumption per year approx.        | 2.5 kWh                            | 1 kWh                          |
| Length of mast tube                          | 4.0 m / optional 5.0 m             | --                             |
| Max. permissible wind velocity               | 102 ... 300 <sup>1)</sup> km/h     | 130 ... 300 <sup>1)</sup> km/h |
| Weight (without mast/aluminium)              | 650 kg                             | 125 kg                         |
| Article No.                                  | 1130001                            | 1110001                        |

1) Laid out with planning tool

## SCOPE OF DELIVERY

Complete single-axis tracking system (40NT 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, foundation plan, assembly instructions.

## OPTIONAL SERVICES

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

DEGERenergie GmbH  
Industriestraße 70  
72160 Horb am Neckar  
Germany

Phone +49 7451 53914-0  
Fax +49 7451 53914-10  
info@DEGERenergie.com

www.DEGER.biz



S.C. UNICMAR NEW ENERGY S.R.L.  
str. Lungă nr. 21, 515700, Ocna Mureș, Alba, RO  
telefon/fax: 0258 870 000 / 0358 815 165  
info-line: 0744 812 837  
email: office@unicmar.ro / web: www.unicmar.ro