

SUSTAINABLE AGRICULTURE FOR A CLEAN ENERGY FUTURE

 HORIZON
L:TEC

**15-YEAR
WARRANTY**

NEW INDUSTRY
BENCHMARK



The IDEEMATEC Horizon L:TEC® tracker forms the basis of the IDEEMATEC Agri PV solution, with adjustments made to cater for the requirements of the land and for the type of agriculture. Our two-in-portrait system is proven in the field, and is the ideal starting point for an Agri PV project.

DIN SPEC 91434 outlines the requirements for the main agricultural use in the field of Agricultural Photovoltaics. In doing so, it sets requirements for the planning, operation, documentation and operational monitoring, as well as measurement indicators for the test procedure for the quality assurance of Agri PV systems. Obligations include items such as light intensity and light distribution below the Agri-PV system, which are also adapted to the needs of the respective crop.

IDEEMATEC's Agri PV solution sets the standard for these prerequisites and fully aligns with all necessary specifications. We can guide you in this process and discuss your project further.

www.ideematec.com

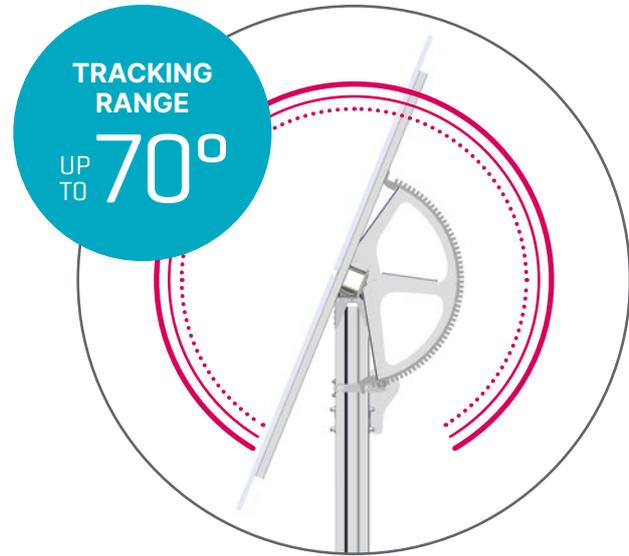
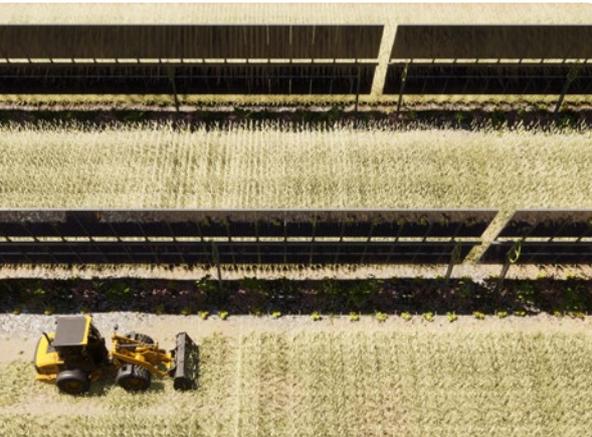
 IDEEMATEC

MAXIMUM DESIGN FLEXIBILITY

UNLIKE ANY OTHER TRACKER

- **Suits all modules types:**
72 Cells, 78 Cells, bifacial
- **BOS** optimized layout
- **Modular** tracker configuration
- **Up to 185m** tracker unit
- **Row distance** standard 11m
up to customer request
- **Array height** standard 2.8m

AGRI PV
SPECIFIC
CONTROL APP
AVAILABLE



ELECTRICAL FARMING

The concept of agricultural photovoltaics is simply exploiting the possibility of using managed land twice – for arable cultivation or grassland management AND "electricity farming" – i.e. to generate electricity from the field. All of this can be realized without any significant loss of space.

The modular tables are set horizontally for the management mode "Grassland". Underneath can be tended to normally, including mowed and fertilized. The risk of disruption to the agricultural activity is extremely low.

DOUBLE USE OF LAND

Because agricultural land can be used in this way to generate solar power, no additional land is required. Municipalities, energy communities and power farmers are already doubling the proceeds from existing managed fields and grassland areas.

The harvesting mode "Agriculture" allows the greatest amount of light to be transmitted and can be adapted to suit a wide variety of harvesting machines.

