

Technical specifications - *Kem* TRACK 80

Attribute	Value
Overall module area	Up to approx. 83 m ²
Module surface width	Up to approx. 11.750 mm
Module surface height	Up to approx. 7.200 mm
PV rating	10,8 - 15,4 kWp
Load	Up to approx. 1.300 kg
Tare weight	From 2.600 kg (depending on the model)
Steel construction	Stable, hot-dip galvanized in accordance with DIN EN 1461
Type of drive	Electric, swivel and linear drive
Azimuth angle	280°
Elevation angle	20° to 90°
Operating voltage	230 V / 50 Hz
Power input, drives	Elevation approx. 130 W / azimuth approx. 120 W
Bearing	Maintenance-free friction bearing
Mast diameter	457 mm
Ground clearance	From approx. 500 mm to 3.000 mm
Control	Astronomic / autarkic
Remote monitoring	Yes
Backtracking	Yes
Wind/snow load	For all loads, configurable in accordance with DIN EN 1055
Wind protection position	15 m/s
Foundation	Bolted or concrete foundation
Mast anchoring	With flange/armature ring or set in concrete

* Subject to technical changes.

Options

Options to extend the modularity of the tracker and control cabinet:

- Lightning protection collecting rods on the tracker
- Mechanical limit switch azimuth
- Battery UPS, with charge status monitoring
- AC-overvoltage protection
- Wind sensor with heating and wind sensor redundancy
- Boost mode, for faster attainment of the protection position by wind alarm

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