



HEPA SOLAR

SUNSEEKER 135



GLOBAL INNOVATION FROM THE MARKET LEADER

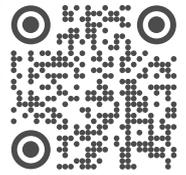



FULLY
AUTOMATED
SOLAR
ORIENTATION



HIGHEST
EFFICIENCY

PRODUCT VIDEO ▶



With our **unique, fully automated sun tracker**, we achieve the technically maximum performance in the PV segment. The controller, specially developed by our engineers, ensures that our HEPA tracking system is optimally aligned with the sun to **guarantee maximum charging efficiency** everywhere. The maximum daily yield of the Sunseeker is **up to 250% higher** than that of a conventional flat panel

Since the flat panel can absorb limited solar radiation in the morning and evening hours due to the low angle, the highest output is reached during a short period around midday. Since the **Sunseeker is permanently aligned 100% towards the sun**, the panel can perform to its full potential from sunrise to sunset. **This results in up to two and a half times more energy (250%)** compared to a flat-mounted panel!



CONSTANT PEAK | HIGHEST PERFORMANCE IN THE INDUSTRY | HIGH-END ACTUATORS | SMART SENSOR AUTOMATIC FOLDING/UNFOLDING FEATURE | FLEX PV | READY FOR USE – FULLY ASSEMBLED IN A BOX

Energy where you need it:

Stay self-sufficient with our HEPA SUNSEEKER 135. The integrated 12/24 V charge controller charges your battery or power station easily and reliably. **Ideal for caravans, motorhomes, boats, yachts and commercial vehicles.** (Of course, patents have been filed for our invention.)



Sales Partner inter BÄR GmbH + Co. KG
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TECHNICAL DETAILS



FEATURES

Fully assembled ready to use in a cardboard box

135 W Flex-PV

Aluminum profile frame

Combiner box

Gearbox

Controller

Light & Wind sensor

4 Actuators

Remote control

DETAILS

Automatic set-up and retraction feature with brightness & wind sensor

Auto-alignment to the sun (inclination and angle)

Inclination angle 0 – 45°

Rotation up to 300°

Rotation speed 5° per second

Tracking every 5 seconds

Snow load 100 kg/m²

Maximum wind load 25 m/s

EFFICIENCY

Maximum Yield up to 250% (compared to a flat panel)

Self-consumption / day approx. 2Wh

ELECTRICAL SPECIFICATIONS

Actuator power 30 W

Actuator voltage 12 V

Actuator current 2,5 A

Number of motors 4

Controller voltage 12 V

Controller current 5 A

Number of controllers 1

MECHANICAL SPECIFICATIONS

Operative temperature -20 to 60 °C

SUNSEEKER 135 dimensions 1.335 x 530 x 174 mm

With an optional PVC frame 1.635 x 830 x 230 mm

Weight 23 kg

Safety class IP65

Installation easy

OTHER

Safety standard CE

Warranty 5 years

APPLICATIONS RV, Motorhome, Boat, Yacht, Utility vehicles

PACKAGING

1 Set

Fully assembled ready to use, delivered in a cardboard box