



# HEPA SOLAR

## HEPA SUNSEEKER 200



WORLD 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 YIELD IN THE INDUSTRY | HIGH-END ACTUATORS | INTELLIGENT SENSOR | AUTOMATIC FOLDING/UNFOLDING FUNCTION | FLEX PV | COMPLETELY PRE-ASSEMBLED AND READY TO CONNECT

**Energy where you need it:**  
Stay **self-sufficient** with our HEPA camping tracker. The integrated 12 / 24 V charge controller charges your battery or power station **flexibly and reliably**.  
**Ideal for caravans, motorhomes, boats, yachts, and commercial vehicles.**  
Our Invention is, of course, patent registered.



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## TECHNICAL DETAILS



### FEATURES

Fully assembled ready to use in a cardboard box

200 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/m <sup>2</sup>
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	1.170 x 960 x 144 mm
With an optional PVC frame	1.480 x 1.340 x 145 mm

Weight	25 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