

# SSP 180

**BLACK EDITION**

**FLEX**

Flexible Solar Module | 180 W | 21.55 V | Shingle Technology | 3rd Generation



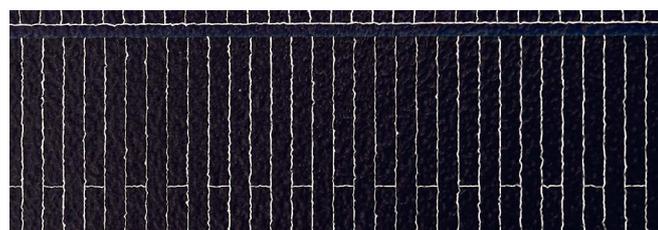
## Electrical Specifications

Rated power	180W
Rated voltage (U <sub>mp</sub> )	21.55V
Rated current (I <sub>mp</sub> )	8.35A
Open-circuit voltage (U <sub>oC</sub> )	25.61V
Short-circuit current (I <sub>sc</sub> )	8.85A
Efficiency	21.4%
Max. system voltage	1000V

## Shingle Technology

In advanced solar modules with shingle technology, the individual solar cells are arranged in a way so that they overlapped slightly - similar to the shingles on a roof. This structure and a special, highly conductive adhesive mean that the conspicuous copper connectors and main conductor tracks of conventional panels are no longer necessary. This results in various advantages:

- approx. 10 % higher area efficiency compared with conventional monocrystalline cells
- increased efficiency in (partial) shade
- lower resistance and higher performance on a smaller area
- no occurrence of hotspots
- Integrated bypass diodes



## Technical Specifications

Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Dimensions	1260 × 710 × 2 mm
Weight	4.5kg
Junction box	IP67 rated
Cell connection	Shingle technology
Cable length	500mm
Connectors	MC4

## Dimensions



## Flexibility

Solar modules of the ECTIVE SSP FLEX series are lightweight as well as easy to handle and install. Due to their extreme flexibility, these high quality modules can be easily mounted on curved surfaces such as the top of a caravan or campervan.

**5 YEARS WARRANTY**

**ECTIVE Warranty:** At least 80% of the rated power after 5 years.