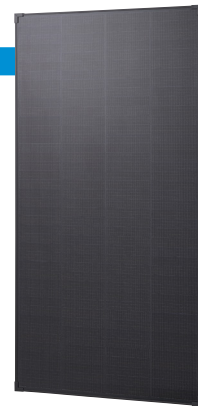


SSP 170



Solar Module | 170 W | 23.82 V | Shingle Technology | 3rd Generation

Electrical Specifications

Rated power	170W
Rated voltage (U _{mp})	23.82V
Rated current (I _{mp})	7.14A
Open-circuit voltage (U _{oC})	28.31V
Short-circuit current (I _{sc})	7.57A
Efficiency	21.4%
Max. system voltage	1000V

Technical Specifications

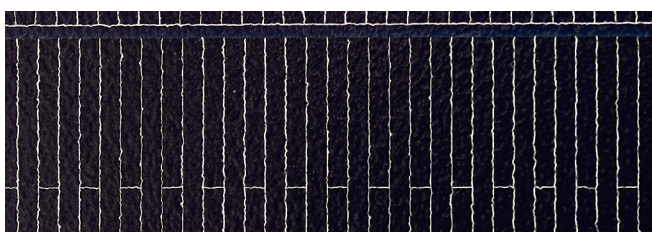
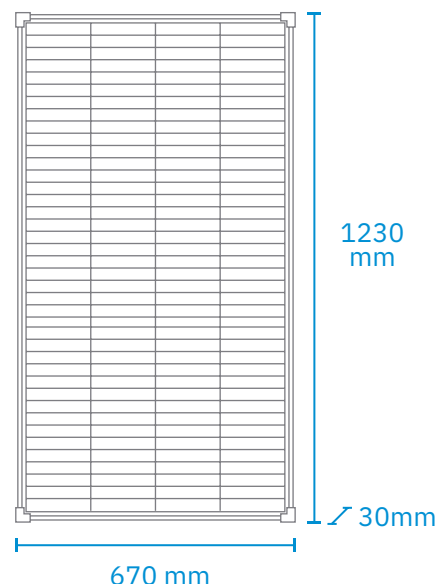
Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Dimensions	1230 × 670 × 30mm
Weight	7.9kg
Junction box	IP67 rated
Cell connection	Shingle technology
Cable length	500mm
Connectors	MC4

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

Dimensions



ECTIVE Warranty: At least 80% of the rated power after 25 years.