

# SSP 100C

**Solar Module**  
100W | 17.6V | Shingle Technology

**BLACK  
EDITION**



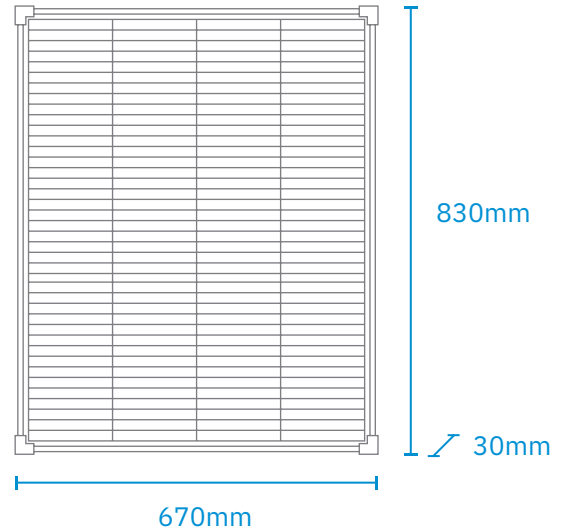
## Electrical Specifications

Rated power	100W
Rated voltage (U <sub>mp</sub> )	17.6V
Rated current (I <sub>mp</sub> )	5.68A
Open-circuit voltage (U <sub>o</sub> )	20.08V
Short-circuit current (I <sub>sc</sub> )	6.19A
Efficiency	21.4%
Max. system voltage	1000V

## Technical Specifications

Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Number of cells	132
Dimensions	830 × 670 × 30mm
Weight	6.5kg
Junction box	IP67 rated
Cell connection	Shingled technology
Cable length	500mm
Connectors	MC4

## Dimensions



## Warranty\*



\*80% of rated power: 25 years  
90% of rated power: 10 years

### 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