

**BLACK  
EDITION**

**LIGHT  
WEIGHT**



# SSP 110

**Lightweight Solar Module**  
110W | 19.25V | Shingle Technology

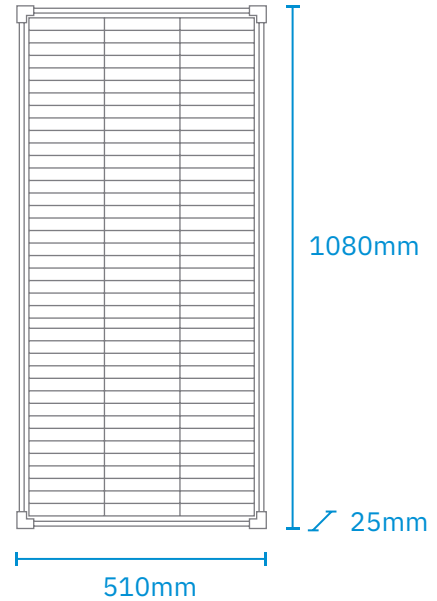
## Electrical Specifications

Rated power	110W
Rated voltage (U <sub>mp</sub> )	19.25V
Rated current (I <sub>mp</sub> )	5.71A
Open-circuit voltage (U <sub>oC</sub> )	22.75V
Short-circuit current (I <sub>sc</sub> )	6.06A
Efficiency	21.4%
Max. system voltage	1000V

## Technical Specifications

Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Number of cells	108
Dimensions	1080 × 510 × 25mm
Weight	2.54kg
Surface protection	ETFE
Junction box	IP67 rated
Cell connection	Shingled technology
Cable length	500mm
Connectors	MC4

## Dimensions



## Warranty\*



\*80% of rated power: 5 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