

BSP 190

**BLACK
EDITION**

Solar Panel | 190 W | 36 V | Back Contact Technology

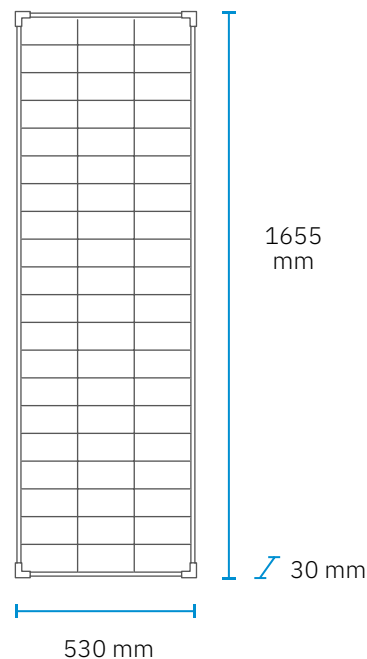
Electrical Specifications

Rated power	190 W
Rated voltage (U _{mp})	36 V
Rated current (I _{mp})	5,27 A
Open-circuit voltage (U _{oc})	43,2 V
Short-circuit current (I _{sc})	5,8 A
Efficiency	24,7 %
Max. system voltage	1000 V

Dimensions

Temperature range	-10 bis +85 °C
Solar cells	Monocrystalline
Number of cells	60
Dimensions	1655 × 530 × 30 mm
Weight	9,3 kg
Protection class	IP65
Cell connection	Back contact
Cable length	900 mm
Connectors	MC4

Dimensions



Warranty

25 YEARS
WARRANTY

Our ECTIVE manufacturer's warranty:

At least 80% of rated output after 25 years.

Back Contact Technology

In ECTIVE BSP Black back-contact panels, all electrical contacts are located on the rear side of the solar cells, which allows for virtually uninterrupted light absorption on the front side. This reduces shading of the cell surfaces and minimizes electrical resistance, resulting in particularly high efficiency, even in diffuse light or partial shade.

- Higher surface efficiency compared to conventional monocrystalline cells
- Increased performance in (partial) shading of the solar module
- Reduced hotspot formation
- Protected against dust and jets of water (IP65)