



# MSP 90

**Solar Module**  
90W | 18,74V | Monocrystalline

**BLACK EDITION**

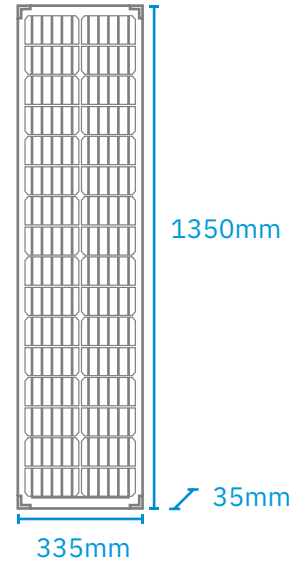
## Electrical Specifications

Rated power	90W
Rated voltage (Umpp)	18,74V
Rated current (Impp)	4,81A
Open-circuit voltage (UoC)	22,51V
Short-circuit current (Isc)	5,27A
Efficiency	19,9%

## Technical Specifications

Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Number of cells	32
Dimensions	335 × 1350 × 35mm
Weight	5kg
Junction box	IP65 rated
Glass (front)	Hardened safety glass
Frame	Stable, hollow-section aluminium frame
Cable length	790mm
Connectors	MC4

## Dimensions



## Warranty\*



\*80% of rated power: 5 years, 70% of rated power: 15 years

### The perfect solar charge controller for your project

Charge your batteries efficiently, gently and quickly with an ECTIVE solar charge controller. Use this overview to find out which controller best suits your project, depending on how many solar panels you intend to use:

[ECTIVE.DE](http://ECTIVE.DE)

1 panel



DSC 12

2 panels



SC 20

3 panels



DSC 25

4 panels



SC 40