



MSP 190 Solar Module

190W|19,88V|Monocrystalline



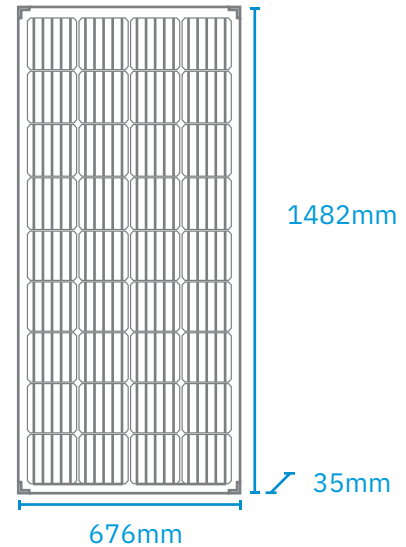
Electrical Specifications

Rated power	190W
Rated voltage (U _{mp})	19,88V
Rated current (I _{mp})	9,56A
Open-circuit voltage (U _o)	23,79V
Short-circuit current (I _{sc})	10,51A
Efficiency	18,97%

Technical Specifications

Temperature range	- 40°C to + 85°C
Solar cells	Monocrystalline
Number of cells	36
Dimensions	676 × 1482 × 35mm
Weight	11,1kg
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

1 panel



SC 20

2 panels



SC 40

3 panels



SC 40
bei 24-V-Batterien

4 panels



SC 40
bei 24-V-Batterien