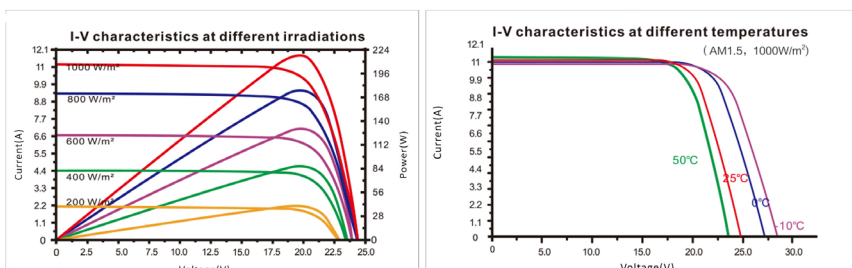
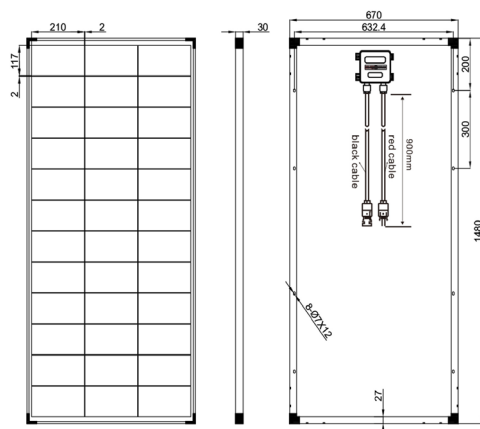


## Monokristallin 200W 12V

### Technische Daten

Herstellermodell	Eco Line ES200M36
Artikelnummer	1100200
EAN Code	4260558574033
Maximale Leistung (Pmax)	200Wp
Maximale Spannung (Vmp)	20,7V
Maximaler Strom (Imp)	9,67A
Leerlaufspannung (Voc)	24,3V
Kurzschlußstrom (Isc)	10,50A
Temperaturkoeffizient von Voc	-0,36%/K
Temperaturkoeffizient von Isc	0,05%/K
Temperaturkoeffizient von Leistung	-0,44%/K
Normale Betriebszellentemperatur	44 ± 2°C
Betriebstemperatur	-40 ~ +85°C
Maximale Systemspannung	1000 VDC
Ausgangsleistungstoleranz	0 ~ +3%
Anschlussdose	IP65, 1000 VDC
Bypass Diode	2 Stk
Solarzellen	Mono 36 (3 × 12)
Anschlusskabel und Stecker	4mm <sup>2</sup> x 90cm, Solar Stecker (+/-)
Leistungsgarantie	25 Jahre
Abmessung (mm)	1480 × 670 × 30
Gewicht (kg)	10,0

### Solarmodul maße und Kennlinie



- 210mm Zellen
- 23,5% Zellenwirkungsgrad
- +3% Plus Toleranz Sortiert
- verstärkter Alurahmen
- TÜV Saar zertifiziert
- 25 Jahre Productgarantie



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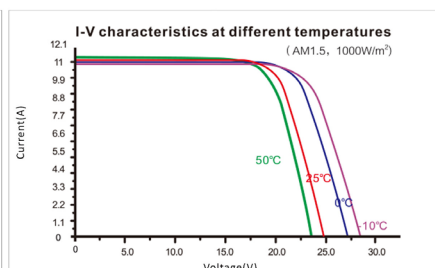
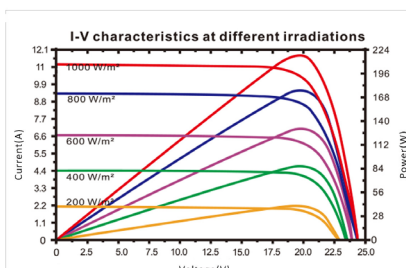
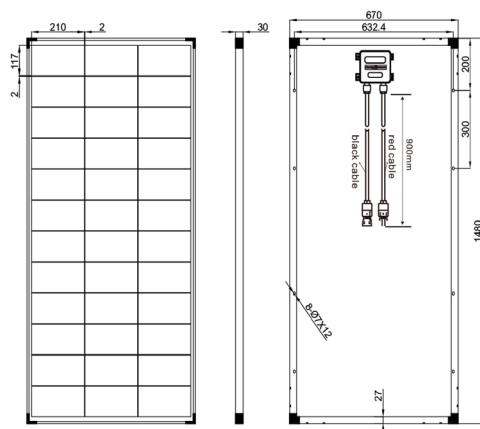
\*Gemessen bei Standardtestbedingungen: Bestrahlungsstärke 1000 W/m<sup>2</sup>, Luftmasse 1,5 Spektrum, Temperatur 25°C Elektrische Parameter von -5% bis +5%

## Monocrystalline 200W 12V

### Electrical characteristics

Product Code	Eco Line ES200M36
SKU	1100200
EAN Code	4260558574033
Maximum Power (Pmax)	200Wp
Voltage at Pmax (Vmp)	20.7V
Current at Pmax (Imp)	9.67A
Open-circuit Voltage (Voc)	24.3V
Short-circuit Current (Isc)	10.50A
Temperature coefficient of Voc	-0.36%/K
Temperature coefficient of Isc	0.05%/K
Temperature coefficient of Power	-0.44%/K
Normal operating cell Temperature	44 ± 2°C
Operating Temperature	-40 ~ +85°C
Maximum System Voltage	1000 VDC
Power Tolerance	0 ~ +3%
Junction box	IP65, 1000 VDC
Bypass diodes	2 Pcs
Solar Cell	Mono 36 (3 × 12)
Connection cable and connector	4mm <sup>2</sup> x 90cm, Solar Stecker (+/-)
Performance guarantee	25 years
Dimension (mm)	1480 × 670 × 30
Weight (kg)	10.0

### Module diagram and characteristic curve



- 210mm cell
- 23.5% cell efficiency
- +3% Plus Tolerance Sorted
- reinforced aluminum frame
- TÜV Saar certified
- 25-year Product guarantee



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\*Measured at standard test conditions: irradiance 1.000W/m<sup>2</sup>, air mass 1.5 spectrum, temperature 25°C  
Electrical parameters may vary by -5% to +5%