Monocrystalline 150W 12V

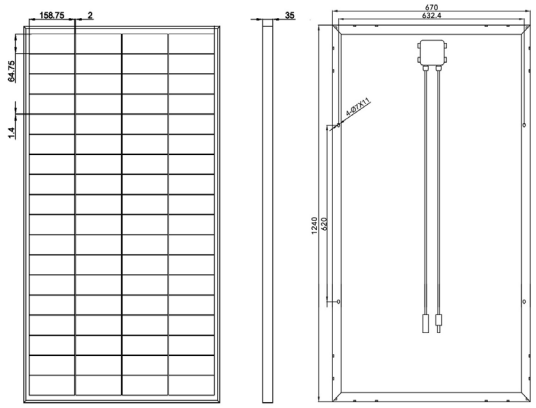
Electrical characteristics

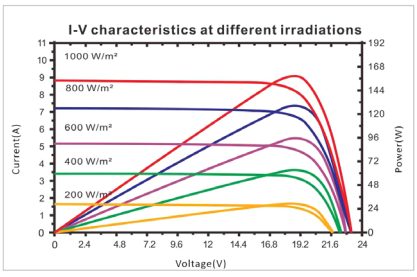
Product Code	Eco Line ES150M36
SKU	1100150AM
EAN Code	4260558579632
Maximum Power (Pmax)	150Wp
Voltage at Pmax (Vmp)	18.5V
Current at Pmax (Imp)	8.12A
Open-circuit Voltage (Voc)	22.8V
Short-circuit Current (Isc)	8.77A
Temperature coefficient of Voc	-0.36%/K
Temperature coefficient of Isc	0.05%/K
Temperature 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
Bypass diodes	2 Pcs
Solar Cell	Mono 72 (4 × 18)
Connection cable and connector	4mm² x 90cm, Solar Stecker (+/-)
Performance guarantee	25 years
Dimension (mm)	1240 × 670 × 35
Weight (kg)	9.3

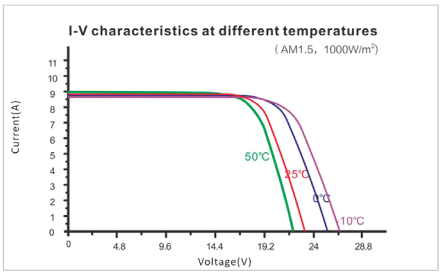


- 158.75mm cell, 9 busbars
- 21.5% cell efficiency
- +3% Plus Tolerance Sorted
- reinforced aluminum frame
- TÜV Saar certified
- 25-year Product guarantee

Module diagram and characteristic curve







**Measured at standard test conditions: irradiance 1,000W/m², air mass 1.5 spectrum, temperature 25°C*
Electrical parameters may vary by-5% to +5%

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