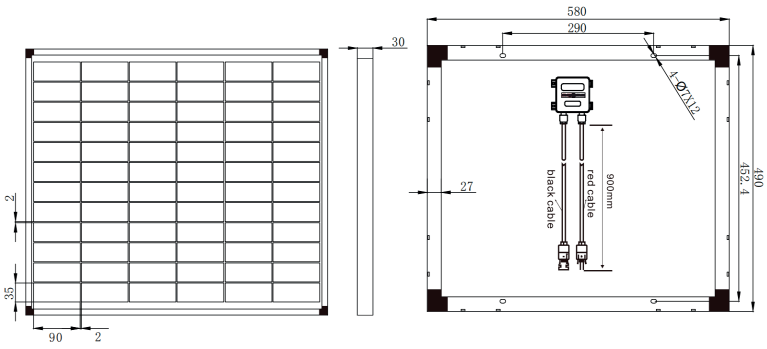
Monocrystalline 50W 24V

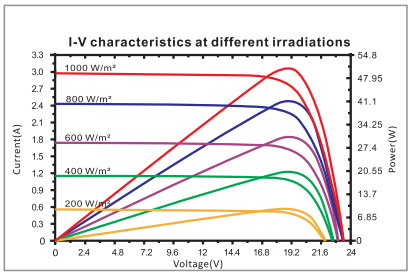
Electrical characteristics

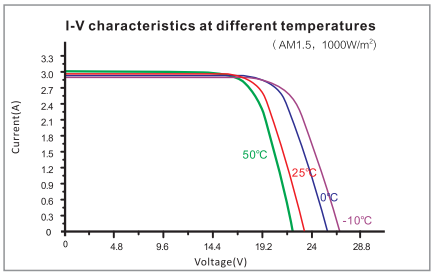
Product Code	Eco Line ES50M
SKU	1144050
EAN Code	4260558572893
Maximum Power (Pmax)	50Wp
Voltage at Pmax (Vmp)	36.4V
Current at Pmax (Imp)	1.37A
Open-circuit Voltage (Voc)	43.5V
Short-circuit Current (Isc)	1.49A
Temperature coefficient of Voc	-0.36%/K
Temperature coefficient of Isc	0.05%/K
Temperature 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	1 Pcs
Solar Cell	Mono 72 (6 × 12)
Connection cable and connector	4mm² x 90cm, solar Stecker (+/-)
Performance guarantee	25 years
Dimension (mm)	580 × 490 × 30
Weight (kg)	3.9

- 182mm cells, 10 busbars
- 23.1% cell efficiency
- +3% Plus Tolerance Sorted
- reinforced aluminum frame
- TÜV Saar certified
- 25-year Product guarantee

Module diagram







*Measured at standard test conditions: irradiance 1,000W/ m^2 , air mass 1.5 spectrum, temperature 25℃
Electrical parameters may vary by-5% to +5%

SolarV GmbH
Am Kronberger Hang 2,65824 Schwalbach a.T
+49 (0)61969076877
info@solarv.de
www.solarv.de