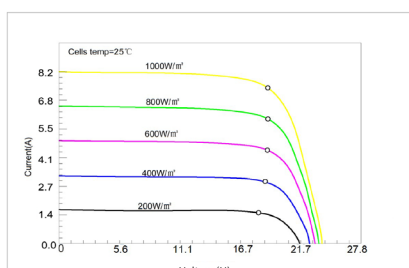
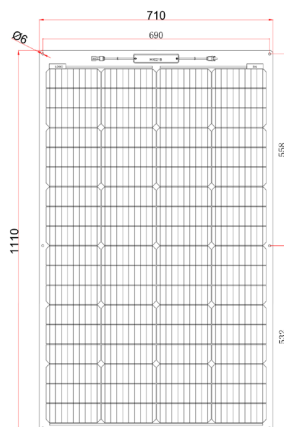


ETFE Marine 150W 12V

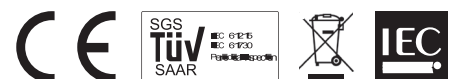
Electrical characteristics

Product Code	Flex Line ES150M
SKU	1610150
EAN Code	4260558573210
Maximum Power (Pmax)	150Wp
Voltage at Pmax (Vmp)	19.8V
Current at Pmax (Imp)	7.58A
Open-circuit Voltage (Voc)	23.4V
Short-circuit Current (Isc)	8.03A
Power temperature coefficient	-0.45%/°C
Voltage temperature coefficient	-0.33%/°C
Current temperature coefficient	+0.05%/°C
Normal operating cell Temperature	44 ± 2°C
Operating Temperature	-40 ~ +80°C
Maximum System Voltage	600 VDC
Power Tolerance	0 ~ +3%
Junction box	IP68
Bypass diodes	2 pcs (30SQ045)
Solar Cell	Mono 32 (4 × 8)
Connection cable and connector	4mm ² x 90cm, MC4 Stecker (+/-)
Performance guarantee	6 years
Dimension (mm)	1110 × 710 × 2
Weight (kg)	2.81

Module diagram



- 166mm cells, 9busbars
- 22.6% cell efficiency
- +3% Plus Tolerance Sorted
- 7-layer construction
- TÜV Saar certified
- 6-year Product guarantee



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*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%