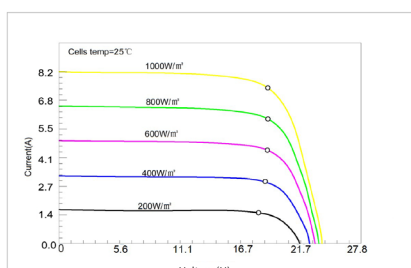
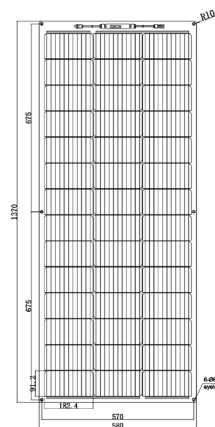


## ETFE Marine 150W 12V

### Electrical characteristics

|                                   |  |
|-----------------------------------|--|
| Product Code                      | Flex Line ES150M72                           |
| SKU                               | 1610150                                      |
| EAN Code                          | 4260558573548                                |
| Maximum Power (Pmax)              | 150Wp  |
| Voltage at Pmax (Vmp)             | 24.4V  |
| Current at Pmax (Imp)             | 6.15A  |
| Open-circuit Voltage (Voc)        | 28.5V  |
| Short-circuit Current (Isc)       | 6.45A  |
| 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                      | IP67   |
| Bypass diodes                     | 2 pcs (20SQ045)                              |
| Solar Cell                        | Mono 42 (3 × 14)                             |
| Connection cable and connector    | 2.5mm <sup>2</sup> x 90cm, MC4 Stecker (+/-) |
| Performance guarantee             | 5 years                                      |
| Dimension (mm)                    | 1370 × 580 × 3                               |
| Weight (kg)                       | 3.6  |

### Module diagram



- 182mm cells, 10busbars
- 22.7% cell efficiency
- +3% Plus Tolerance Sorted
- 7-layer construction
- TÜV Saar certified
- 5-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%