

Single-Sided ETFE



Applications

- For motor boats and sailing yachts
- For camping, caravan, off-road and 4x4
- For outdoor activities
- For industry, agriculture, shipping and building sectors



Features

- 100% sea & salt water resistant
- Flexibility 25%~30%
- 0~3% tolerance output power
- Cable : 3m length without MC4 compatible connectors or 2*1m with MC4 compatible connectors
- IP67 junction box cable output, sealed and fully waterproof
- Lightweight, easy to install
- 304 stainless steel eyelet for easy fixing and installation
- DuPont ETFE surface to reduce slip risks when wet
- SUNPOWER solar cells with highest performance class for maximum power
- Rounded corners to prevent risk of injuries
- 100% maintenance-free, self cleaning surface
- Maximum allowed curvature: 3% (3cm/1m)
- 3 years warranty power output



Module Diagram & Construction

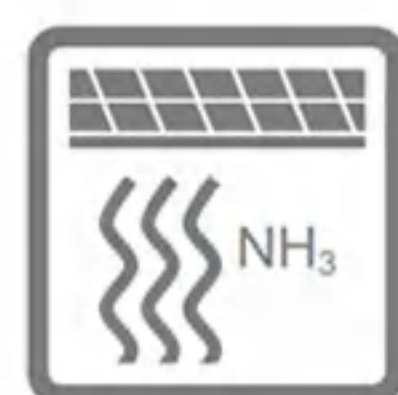


Product specifications & Electrical testing

Model	BS50-FT-S(E)	BS100-FT-S(E)	BS150-FT-S(E)	BS170-FT-S(E)	BS190-FT-S(E)	BS200-FT-S(E)
Cell	SUNPOWER solar cell					
Accessories (option)	2*1M cable+MC4 connectors or 3M cable not MC4					
Size[mm]	560*520*2.8	1040*520*2.8	1330*540*2.8	1460*540*2.8	1355*685*2.8	1190*850*2.8
Tolerance[%]	0~ +3%					
Nominal peak power[W]	50W	100W	150W	170W	190W	200W
Vmp[V]	18V					
Ipm[A]	2.77	5.55	8.3	9.44	10.55	11.11
Voc[V]	21.6V					
Isc[A]	2.99	5.99	8.9	10.19	11.39	11.99
Efficiency[%]	23.0%					
Construction	DuPont ETFE					
	EVA+SUNPOWER Solar Cell					
	TPT					
Power temperature coefficient	-0.24%/°C					
Voltage temperature coefficient	-0.25%/°C					
Current temperature coefficient	-0.06%/°C					
NOCT	45±2°C					
Max system voltage:	1000V DC					



Resistance to salt-spray corrosion



Resistant to ammonia corrosion

