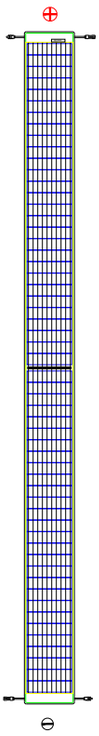
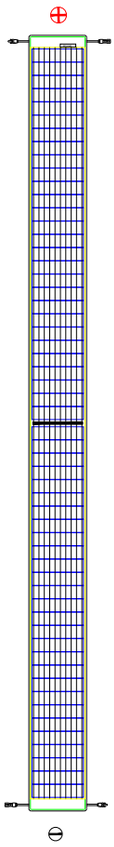
Product Details

FLEXIBLE SOLAR PANEL
SG-TF -85W



Module Diagram



Electrical Characteristics

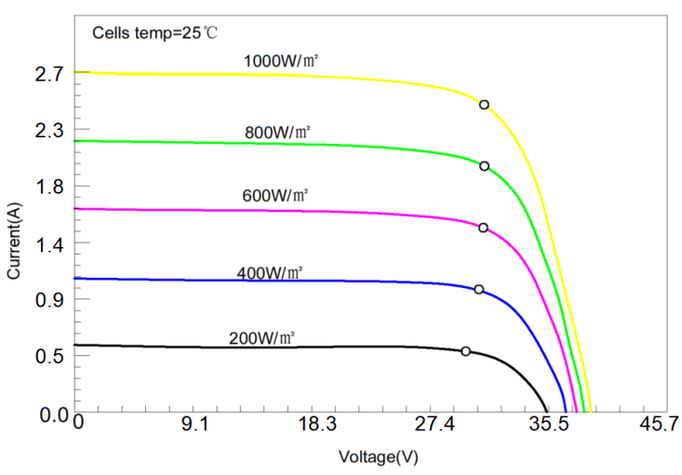
Maximum power(Pmax)	85W
Open-circuit voltage(Voc)	36.70V
Voltage at Pmax(Vmp)	32.48V
Short-circuit current(Isc)	2.74A
Current at Pmax(Imp)	2.61A
Cells Efficiency(%)	22.00%
The maximum system voltage	100V DC(IEC)
Power temperature coefficient	-0.38%/℃
Voltage temperature coefficient	-0.36%/℃
Current temperature coefficient	0.05%/℃
Output power tolerance	±3%
Operating Temperature	-10℃~60℃

Product Introduction

Our semi-flexible solar fence integrates high-efficiency semi-flexible modules directly into the fence structure, turning existing vertical boundaries into clean power-generating surfaces—without taking extra land. While keeping core fence functions like safety, separation, and site marking, it supports self-consumption with surplus power sharing, making the fence a scalable vertical energy solution where infrastructure and renewable energy naturally merge.

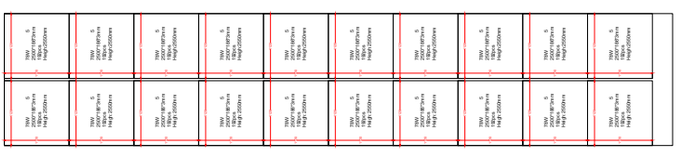
Specifications

Solar cell brand	A grade mono solar cells 182mm
No.of cells and connections	56(2*28)
Dimension （mm)	2500*186*3mm
Weight	1.09KG
Waterproof	IP68
Certifications	CE, ROHS
Warranty	1-year warranty, 5-year service life
Packaging Type	Standard Export Carton



PACKAGING & SHIPPING INFORMATION

Retail Box	Quantiy 1 unit per retail
Dimension （mm)	2500*186*3mm
Dimension （in)	98.43*7.32*0.12 in
Weight	1.09KG
40HQ	6PCS/CTN, CTN size: 550*550*280mm 32CTNS/Pallet, Pallet size:1120*1120*2550mm In total: 20Pallets 3840PCS



*SUNGOLD offer customize service,please refer to our website or ask SUNGOLD workers for more sizes and the latest parameters.

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