

# ELIOS Voltaic 210F-T

210W Semi-Flexible Mono-Crystalline Solar Panel With 3M Tape

Data Sheet



Say goodbye to the complexities and frustrations of traditional solar panel mounting. With Voltaic 210F-T featuring 3M tape, installation becomes easy. 3M tape ensures a quick, secure, and hassle-free process, adhering strongly to a wide range of surfaces including metal, plastic, and glass, particularly for transportation applications like RVs and Boats.

## Features & Benefits



Experience effortless installation with 3M tape



Bendable up to 213°, perfect for curved surfaces.



Half-cut cell technology improves resistance to hot spots and accidental shading.



Delivers 210W of power, a 5% increase over standard 200W panels.



Designed to endure 2400 Pa wind load and 5400 Pa snow load, ensuring durability in extreme weather conditions.

## Certifications

FCC | CE | RoHS TUV | IEC 61215: In 2016| IEC 61730: 2016 | PID test.

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### ELECTRICAL SPECIFICATIONS

Rated Peak Power (Pmax)	210 W
Open Circuit Voltage (Voc)	49.2 V
Short Circuit Current (Isc)	5.36 A
Maximum Power Voltage (Vmp)	41.4 V
Maximum Power Current (Imp)	5.07 A
Solar Cell Efficiency	19.3%
Power Tolerance	±5%
Operating Temperature	-40°F to 185°F (-40°C to 85°C)
Standard Test Conditions	1000W/m2, 25°C, AM1.5

### MECHANICAL SPECIFICATIONS

Solar Cell Type	Monocrystalline
Dimensions (LxWxD)	42.6 x 41 x 0.1 in (1083 x 1040 x 3 mm)
Net Weight	4.5 kg ( 9.92 lbs)
Backsheet Color	White
Output Port	MC4
Output Cable	TUV 4.0 mm2
Wire Length	(+)450mm, (-)450mm, or customized

### PACKAGING & SHIPPING INFORMATION

Retail Box Dimensions (LxWxD) & Weight	45.9 x 45 x 2.2 in (1165 x 1144 x 55 mm); 7.2 kg (15.9 lbs)
40'HQ	27*2 Pieces per pallet; 1080 Pieces per container

### Applications

- Roof Top
- Yacht
- Boat
- Trailer
- RV
- Curvy Surfaces

### Warranty

- 12-year material and workmanship warranty
- 25-year linear power warranty (attenuation ≤ 2% in the first year, ≤ 0.55% per year thereafter)

### Dimensions

