

Semi-Flexible Monocrystalline Solar Panel

This semi-flexible solar panel is a lightweight and durable solar solution designed for curved surfaces and mobile applications. Its flexible substrate allows it to conform to curved surfaces, making it ideal for marine, RV, and other mobile applications.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Flexible Solar Solution

This semi-flexible monocrystalline solar panel utilizes premium back-contact cells to deliver a high conversion efficiency of up to 22.6%. Engineered for durability, the panel features a Japanese-imported ETFE surface that ensures over 95% light transmittance while providing excellent heat, water, and corrosion resistance. Its ultra-light, bendable design allows for a 30-degree curvature, making it the perfect energy solution for irregular surfaces on RVs, boats, yachts, and tents.

Technical Specifications

Conversion Efficiency	22.6 %
Maximum Bending Angle	30 degrees
Surface Light Transmittance	95 %

Performance Features

Recommended Applications

- Recreational Vehicles (RVs)
- Marine vessels
- Yachts
- Tents
- Off-grid cabins

Key Performance Features

Back Contact Cells, Weak Light Tolerance, ETFE Surface, Crack Resistant, Corrosion Resistant, Water Resistant

Mechanical Characteristics

Design Attributes

30 deg

Flexibility

95 %

Transmittance