8W Solar Panel (With Bracket)

DH-PFE311-M0508



High Conversion Efficiency

Premium solar cells with a conversion efficiency of ≥23%.

Long-distance Charging Cable

Includes a 2-meter Type-C cable and a 2-meter extension cable that extend the charging distance.

360° Adjustable Bracket Design

Includes a mount bracket that supports 360° adjustments.

Hidden Cable Design

Includes a 360° cable tray designed to conceal excess Type-C cables.

IP66 Protection

Withstands harsh environments

Specifications

Structure

Cell Type	Monocrystalline silicon
Main Body Material	Silicon/PC
Wafer Size	158.7 mm × 24.8 mm (6.25" × 0.98") (L × W)
Wafer Layout	1 × 10

Electrical

Max. Power	8 W
Operating Voltage	5.0 V
Operating Current	1.57 A
Short Circuit Current	1.72 A
Open Circuit Voltage	6.8 V
Silicon Chip Conversion Efficiency	≥23%
Power Temperature Coefficient	–0.42 %/K
Current Temperature Coefficient	0.04 %/K
Voltage Temperature System	–0.3 %/K

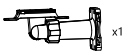
General

Product Dimensions	285.6 mm × 168.0 mm × 145.1 mm (11.24" × 6.61" × 5.71") (L × W × H)
Packaging Dimensions	311 mm × 221 mm × 76 mm (12.24" × 8.70" × 2.99") (L × W × H)
Net Weight	0.467 kg ± 0.01 kg (1.03 lb ± 0.02 lb)
Gross Weight	0.59 kg ± 0.01 kg (1.30 lb ± 0.02 lb)

Environment

Operating Temperature	–40 °C to +85 °C (–40 °F to +185 °F)
Operating Humidity	<95% (RH)
Storage Temperature	0 °C to +40 °C (+32 °F to +104 °F)
Storage Humidity	<95% (RH)

What's in the box





Tools:

Screw Package × 1

Documents:

Quick Start Guide × 1

Legal and regulation information × 1

Power:

2m Extension cord×1



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