

PowerFilm[®]

MADE IN THE USA

SOLAR

100W Foldable Solar Panel

The 100W Foldable Solar Panel is lightweight, durable and extremely portable.

The 100W panel provides a unique blend of power and size. This compact panel fits easily into most rucksacks and is the perfect accessory to power a wide range of electronics.

The solar panels are mounted to weather-resistant fabric that quickly folds for storage and unfolds for use.

Unmatched durability allows for use in the harshest environments and a panel that works even after a portion is damaged.

The 100W Foldable Solar Panel powers mission-critical gear in remote and unpredictable environments.



Tips For Best Use

- Angle the solar panel toward the sun for best results
- Always store in a cool, dry environment
- Not designed for use in the rain
- Allow time to air dry before packing if the panel is wet
- Routinely clean the solar panel to ensure the best performance

Certifications

- CE
- RoHS
- Berry Amendment Compliance

Benefits

- Compact, lightweight, durable
- Multiple charging adapters to fit your needs and charge a wide range of devices
- Designed, engineered and manufactured in the United States
- Designed for applicable MIL-STD-810G specs
- Tested to ensure the panel meets or exceeds required performance

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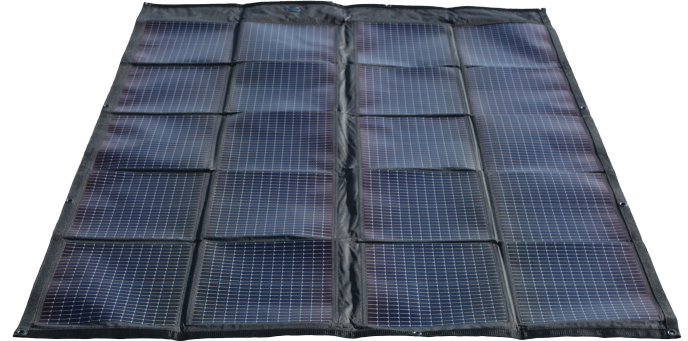
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Electrical Characteristics

Rated Voltage at Pmax	15.4V
Rated Current at Pmax	3.6A
Open Circuit Voltage	21.9V
Short Circuit Current	4.6A

*Typical specs measured at STC. Contact PowerFilm for maximum specs and tolerances to use in custom designs or complex applications.



Physical Characteristics

Part Number	FM16-6000
Folded Dimensions	14.0 x 13.5 x 2.7 inches 355.6 x 342.9 x 68.6 mm
Unfolded Dimensions	74.0 x 54.3 inches 1,879.6 x 1,379.2 mm
Weight	4.6 lbs / 2.1 kg

Thermal Characteristics

Temperature Coefficient for Power	- 0.32(%/C)
Temperature Coefficient for Voltage	-1.8 (mV/C)
Temperature Coefficient for Voc	- 0.300 (%/C)
Temperature Coefficient for Isc	0.109 (%/C)

Connectors

Standard Connector:
SAE

Custom Connectors:
NATO plug
Delphi Weather Pack
4.5mm Barrel
Anderson Powerpole

Standard Colors

- Black

*Custom Colors Available

IV Curve

