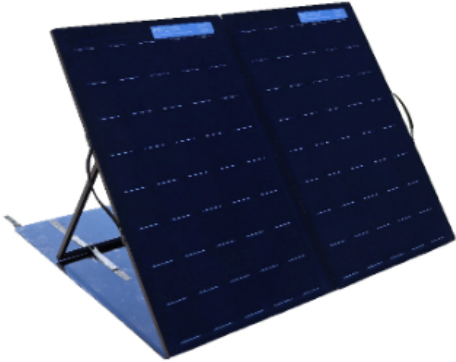


PRESS 270 : Portable Folding Solar Module by Powerfilm



Product Categories: [In The Field](#), [On Location Off-Grid](#), [On The Road](#), [On The Trail](#), [Portable / Luggable](#), [Research](#), [Rugged Stuff](#), [SAR & Military](#), [Shop](#), [Solar Modules](#)

Product Tags: [270w](#), [canada](#), [emergency](#), [folding solar](#), [military](#), [portable solar](#), [powerfilm](#), [powerfilm canada](#), [powerfilm press](#), [powerfilm solar](#), [press 270](#), [rugged](#), [sar](#)

Product Page:

<https://www.modernoutpost.com/product/press-270-portable-folding-solar-module-by-powerfilm/>

Product Summary

PowerFilm's PRESS 270 (Portable Remote Expeditionary Scalable Solar) provides 270W using the highest efficiency crystalline cells available. PowerFilm's PRESS 270 provides either a direct, unregulated panel output or a regulated output through an integrated charge controller. Built to military standards, PowerFilm's PRESS is lighter, more durable, and faster to setup and tear down than other solutions on the market. It's the perfect, portable lightweight field solution to generate power quickly and efficiently.

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The unregulated output can connect directly to a system with an existing charge controller that accepts 47V-58V. The regulated output through the integrated charge controller supports traditional 24V systems. Both outputs include blocking diodes, eliminating any reverse current flow.

The charge controller can be designed to output other voltages as required.

Custom, dedicated cables are available to connect multiple PRESS modules using regulated or unregulated output.

It also withstands wind loads up to 50 mph in any direction when the base is properly weighted.

PRESS 270 Benefits

- Easy to deploy and easy to store.
 - Case, stand, and panel integrated into one unit.
 - Set up or take down in under a minute.
 - Designed, engineered and manufactured in the United States.
 - Built to DoD requirements and specifications.
 - Can be used flat or angled, angle can vary continuously from less than 30 to greater than 60 degrees.
 - Best power/weight ratio of any similar solution.
- Certifications: - CE • RoHS • Berry Amendment Compliance •
Designed for MIL-STD-810G

270W PRESS Folding Portable Solar Panel Specifications

Physical Characteristics

Part Number : R3-80F4728V

Stowed Dimensions: 44.5 x 28.1 x 2.0 inches / 1,130.3 x 713.7 x 50.8 mm

Deployed Dimensions: 56.2 x 44.5 x 1.0 inches / 1,427.5 x 1,130.3 x 25.4 mm

Weight: 28.0 lbs / 12.7 kg

Electrical Characteristics : 47V Configuration

Rated Voltage at Pmax : 47.1V

Rated Current at Pmax : 5.7A

Maximum Open Circuit Voltage : 58V

Short Circuit Current : 6.0A

Electrical Characteristics : 24V Charger Configuration

Maximum Voltage : 28V

Charge Current : 9.0A

Standard Connectors:

Parallel Regulated Output O-Ring Cable

Serial Unregulated Output Cable with Bare Leads

Custom Connectors:

SAE

Alligator Clips

NATO Connector

GREENS

[Download the Spec Sheet here\]](#)

Product Gallery

