

425W Folding Portable Solar Panel by HPS



Price: CAD \$1,299.00

SKU: HPS-SOLAR-425

Product Categories: [Folding Crystalline](#), [Packable](#), [Portable / Luggable](#), [Shop, Solar Modules](#)

Product Tags: [400](#), [400w](#), [425](#), [425w](#), [foldable](#), [folding](#), [folding solar](#), [folding solar canada](#), [folding solar panel](#), [hps](#), [packable](#), [portable](#)

Product Page:

<https://www.modernoutpost.com/product/425w-folding-portable-solar-panel-by-hps/>

Product Summary

Need solar in a remote location? Need more power than the small portable modules can provide? Go big with HPS' 425W folding solar panel. Packs easily, deploys easily. Open the case, unfold the support legs, pin to the ground with tent pegs. Also great for mounting to the outside South wall of cabins or other buildings.

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425W Folding Portable Solar Panel Specifications

Max Power : 425W

Solar Cell : Mono A-Grade PERC solar cells

Cell Efficiency : 22.50%

Folded Dimensions : 77.5cm x 76cm x 8cm [30.5in x 30in x 3in]

Open Dimensions : 319.7cm x 77.5cm x 1.4cm [125.8in x 30.5in x 0.5in]

Net. Weight : 8kg [17.6lbs]

Max Power Voltage V_{mp} : 60.32V

Max Power Current I_{mp} : 7.05A

Open Circuit Voltage V_{oc} : 71.18V

Short Circuit Current I_{sc} : 7.61A

Surface/backsheet : ETFE+AP2+bypass diode 8pcs(2pcs each panel)+30A fuse

Cables : 3m 12AWG cable

Connector : Standard MC4 Solar Connector

Supporting Leg & Rope Hook : Yes

NOCT : $45^{\circ}\text{C}\pm 2$ | [$113^{\circ}\text{F}\pm 6$]

STC: 1000W/m², AM 1.5, @ 25°C

Operating Temperature : -40°C to 85°C [-40°F to 185°F]

Temperature Coefficient P_{max} : -0.4°C [31.28°F]

Temperature Coefficient V_{oc} : $-2\text{mV}^{\circ}\text{C} \%$

Temperature Coefficient I_{sc} : $3.7^{\circ}\text{C} \%$

Maximum System Voltage : 400 V

Certification : CE ROHS

Product Attributes

- Dimensions: 80 × 80 × 12 cm
- Weight: 8 kg

Product Gallery



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