



SOLAR STIK®

Category: Power Generation

# Solar Fold 120W

Item # 11-1000076

## Durable and Efficient

The Solar Fold 120W has developed a reputation for its versatility. With unparalleled portability and durability, the solar fold is capable of being deployed in virtually any environment. Glassless, mono-crystalline panels reduce visibility and provide exceptional shade tolerance. Weighing in at only 5 lbs, the Solar Fold's lightweight, portable design makes storage easier than ever. Additionally, integration times are optimized by sturdy SAE connections that allow for near-instant connectivity. The Solar Fold 120W is a powerhouse in energy generation and durability that is set to endure the hazards present in any environment.



## Features

- ~1.2 kWh of daily power generation\*
- Mono-crystalline panels
  - Foldable form factor
  - Performance in low-light conditions
- Minimal deployment footprint
- Lightweight construction and foldable for ease of deployment and storage
- Glass-free panels
- Non-stick surface resists soiling/wipes clean
- Non-reflective surface maximizes light capture and reduces visibility
- Weather resistant

\*Based on five hours solar irradiance

## General

Frame Construction	Stiffened composite panels
Frame Adjustment Angles	Foldable
Ground Securing	(6) 100 lb (45 kg) pull-strength grommets
Warranty	1-year materials and workmanship
Certification	Designed to MIL-STD-810G

## Solar Panel @ 77 °F (25 °C)

Max Power (Pmax)	120 W
Rated Voltage (Vmp)	22.1 V
Open Circuit Voltage (Voc)	28.1 V
Rated Current (Imp)	5.49 A
Short Circuit Current (Isc)	5.75 A
Cell Type	Mono-crystalline
Cell Efficiency (%)	> 22.8 %

## Connections

Output(s)	(1) SAE
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## Weights and Dimensions (L x W x H)

Solar Panel Weight	5.6 lb (2.54 kg)
Transport Weight	5.6 lb (2.54 kg)
Solar Panel Dimensions	24.00 x 58 x 0.2 in (60.9 x 147.3 x 0.5 cm)
Transport Dimensions	12.00 x 12.25 x 2.25 in (30.4 x 31.15 x 5.715 cm)

## Environmental

Operating Temperature	-40 °F to 194 °F (-40 °C to 90 °C)
Hailstone Impact	Impact resistant
Ingress Protection	IP67



Solar Fold 120W deployed



Solar Fold 120W folded

