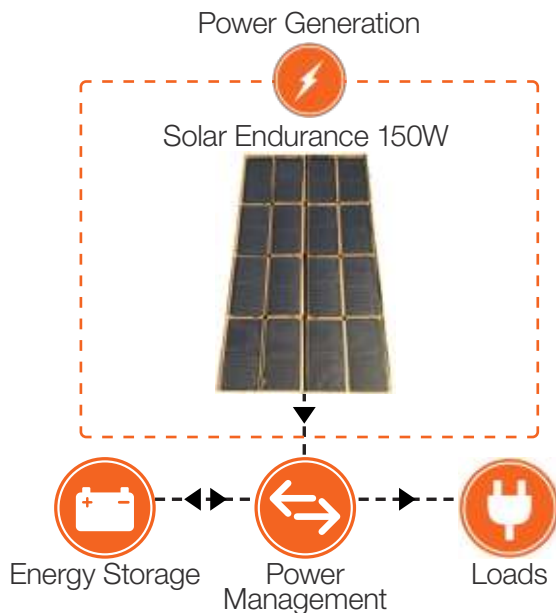# Solar Endurance 150W

Item # TBD

## Lightweight and Rugged Power

The Solar Endurance 150 W Panel is a mono-crystalline, glass-free solar panel kit that is specialized for ease of portability in austere environments. Its expertly engineered simplicity optimizes set-up times and integration versatility; with intuitive SAE Connectors, the Solar Endurance eliminates the need for redundant cable accessories and connector snagging while maintaining a small enough footprint to fit in an assault pack or ruck. The 150-watt, 17-volt output means you can power and charge a myriad of end-user devices such as radios, sensors, and batteries. Additionally, the Solar Endurance has best-in-class shade tolerance, allowing for use in virtually any environment.

### Power Generation

Solar Endurance 150W



Energy Storage — Power Management — Loads

## Features

- ~1.5 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 maximixes light capture and reduces visibility
- Weather resistant

*Based on five hours solar irradiance*

800.793.4364
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# Solar Endurance 150W

Item # TBD

## General

| | |
|---|---|
| PV Cells | Mono-crystalline Silicon (mc-Si) PERC |
| Frame Adjustment Angles | Foldable |
| Warranty | 1-year materials and workmanship |

## Solar Panel @ 77 °F (25 °C)

| | |
|---|---|
| Rated Power (Pmax) | 151 W |
| Rated Voltage (Vmp) | 17.3 V |
| Open Circuit Voltage (Voc) | 21.5 V |
| Rated Current (Imp) | 8.72 A |
| Short Circuit Current (Isc) | 9.50 A |

## Connections

| | |
|---|---|
| Output(s) | (1) SAE |

## Environmental

| | |
|---|---|
| Ingress Protection | IP67 |

## Weights and Dimensions (L x W x H)

| | |
|---|---|
| Solar Panel Weight | 6.8 lb (3.08 kg) |
| Solar Panel Dimensions | Folded:15.0 x 8.0 x 1.5 in (38.1 x 20.32 x 3.81 cm)<br>Deployed: 56.1 x 32.4 x 0.75 in (142.5 x 82.296 x 1.905 cm) |

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