



SOLAR STIK®

Category: Power Generation

Solar Trifold 25W

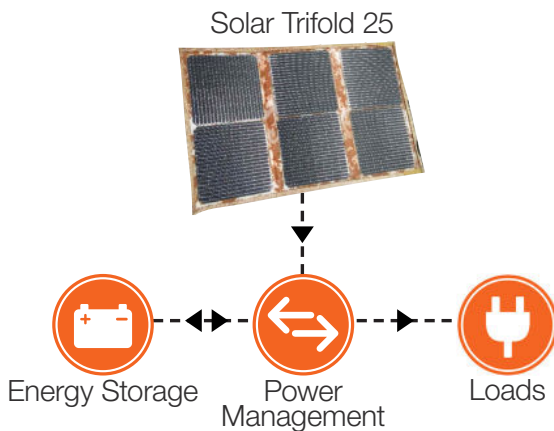
Item # 11-1000037

Tough and Ready

Carry this 25-watt solar charging system in an assault pack or on a rucksack and unfold it to quickly charge phones, tablets, or other battery-powered devices. The glass-free laminate and polymer construction of the Solar Trifold 25W makes it weatherproof and low maintenance—highly efficient, nonstick panel surfaces resist soiling.

How a Solar Trifold Works

Unfold the trifold design. Use the integrated cables (USB or two-pin SAE) to charge devices or connect to charge controllers, AC inverters, batteries, or other DC loads. Multiple panels can be daisy-chained to increase power output.



Features

- .25 kWh of daily power generation*
 - Fits in/on assault packs and rucksacks
 - Integrated USB and two-pin SAE output cables
- IP67 intrusion protection
- Mono-crystalline panels
- Non-glass, antireflective, robust design
- Foldable form factor
- Minimal deployment footprint
- Lightweight construction and foldable for ease of deployment and storage
- Non-stick surface resists soiling/wipes clean
- Non-reflective surface maximizes light capture and reduces visibility
- Weather resistant

**Based on five hours solar irradiance*





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General

| | |
|--------------------------|--|
| Frame Construction | Frameless |
| Frame Adjustment Angles | Can be hung at any angle |
| Solar Panel Construction | Glass-free, non-reflective laminate and polymer construction |
| Ground Securing | Loop and toggle attachments for staking or hanging |
| Transporting | Trifold with integrated cable storage for transport |
| Warranty | 1-year warranty of materials and workmanship |

Performance Specifications (@ 77 °F/25 °C)

| | |
|----------------|--|
| Output Voltage | <ul style="list-style-type: none"> • USB: 4.2 to 5.6 V • SAE: 12.6 to 14.7 V |
| Output Current | <ul style="list-style-type: none"> • USB: 0 to 2.5 A • SAE: 0 to 5 A |
| Array Power | 25 W (@ AM1.5, 1000 W/m ²) |

Solar Panel (@ 77 °F/25 °C)

| | |
|----------------------------------|-----------------|
| Cell Type | Monocrystalline |
| Rated Voltage (V _{mp}) | 30 V |

Connections

| | |
|------------------------|--|
| Solar Panel Connectors | <ul style="list-style-type: none"> • (1) 12 in USB 2.0 Type-A • (1) SAE 2-pin, 24 in, 18 AWG dual-core cable |
|------------------------|--|

Environmental

| | |
|----------------------|------|
| Intrusion protection | IP67 |
|----------------------|------|

Sizes and Weights

| | |
|------------------------|--|
| Solar Panel Weight | 1.9 lbs (0.864 kg) |
| Transport Weight | 1.9 lbs (0.864 kg) |
| Solar Panel Dimensions | 22.0 x 13.7 x 0.72 in (55.9 x 34.8 x 1.8 cm) |
| Transport Dimensions | 13.7 x 7.25 x 0.97 in (34.8 x 18.4 x 2.5 cm) |

Recommended Accessories



12V Barrel Stinger
Item # 13-1000009



Alligator Clip Stinger Output
Item # 13-1000131

