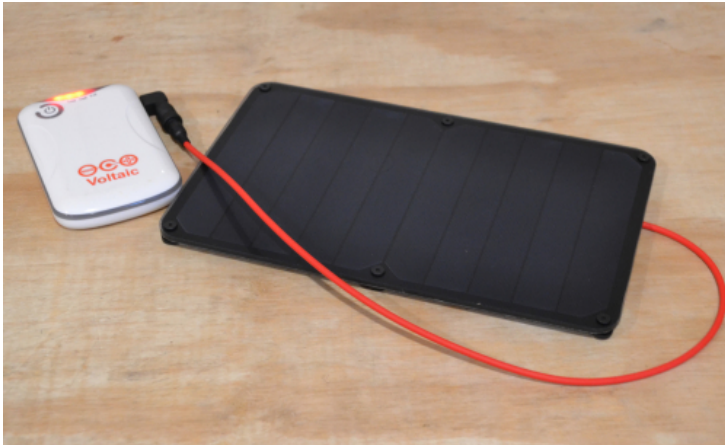


## DIY Solar Charger Case Kit



Price: CAD \$99.99

**SKU:** MODIYSOLARCASE-5

**Product Categories:** [Ultralight](#), [Bike Touring](#), [Kayak & Canoe Solar](#), [On The Road](#), [On The Trail](#), [On The Water](#), [Pop Picks For Backpacking](#)

**Product Tags:** [canada](#), [diy solar](#), [diy solar backpack](#), [solar backpack](#), [solar backpack canada](#), [solar case kit](#), [solar charger case canada](#), [solar charger parts](#)

**Product Page:** <https://www.modernoutpost.com/product/diy-solar-case-kit/>

### Product Summary

What?! Your backpack didn't come with a solar charger? The DIY Solar Case Kit comes with everything you need to convert your old backpack, binder, satchel, or laptop bag to an integrated solar charging case. Includes sensitive, premium, monocrystalline 5.5W solar panel, mounting mini-bolts with nuts, 15Wh solar battery pack, and miniUSB connector.

### Product Description

What?! Your backpack didn't come with a solar charger? The DIY Solar Case Kit

comes with everything you need to convert your old backpack, binder, satchel, or laptop bag to an integrated solar charging case. Includes sensitive, premium, monocrystalline 5.5W solar panel, mounting mini-bolts with nuts, 15Wh solar battery pack, and miniUSB connector.

### How Does This DIY Solar Charger Case Kit Work?

Simply plug your iPhone, Android, or any other USB device into the battery, and you have unlimited energy from the sun! Power flows from the solar panel to the battery, and out to your device according to its needs. When the sun is bright, most of the energy from the solar panel goes to your device. When the sun is weak, the battery makes up the difference. Either way, your phone, tablet, GPS, camera, or audio set get the power they want.

### The Solar Panel...

The 5.5 Watt 6 Volt solar panel is lightweight, waterproof and easily mountable for medium term (5-7 year) outdoor applications. Pair with a Voltaic battery pack or charge a 1S Lilon or LiPO4 cell. The panel features:

- High-efficiency SunPower solar cells - UV- and scratch-resistant ETFE coating - 6 mounting holes - 12" waterproof cable with MicroUSB connector

### The Battery Pack...

Small and lightweight, the V15 4,000mAh USB battery pack provides backup power for smartphones, DSLR camera, and 7" tablets.

- Optimized to Charge from Solar - USB Output (5V/1A) - Pass Through Charging - Built-in "[Always On](#)" feature for IoT and Time-Lapse Projects]

### Building Your Own Solar Backpack or Case

We recommend using small grommets to secure any holes you need to put through your backpack's canvas/nylon. These can be purchased for pennies at your local sewing store. Size them to fit the attachment mini-bolts (approx 3mm diameter). We also recommend cutting small 1cm round rubber disks to act as waterproof gaskets between the solar module's attachment mini-bolts & your case material. The nuts are threaded onto the mini-bolts on the inside of your case to secure the module tightly to the outside.

### Full Specifications...

**Solar Features** - Waterproof (IP67) - UV resistant (5-7 year life) - Durable and lightweight - High efficiency monocrystalline cells: 19% **Solar Size and Weight** - 6.9 x 8.7 x 0.2 in. (137 x 222 x 2 mm) - 9 oz. (255g) **Solar Output** - Open Circuit Voltage: 7.13V - Peak Voltage: 6.12V - Peak Current: 940mA - Peak Power: 5.75W - Power Tolerance: +/-10% - For maximum power output, orient the panel towards the sun **Solar Construction** - Matte ETFE coating - 2.0mm FR4 **Solar Output Cable** - Cable Length: 50cm - Cable Color: Red PU Coated - Plug: Waterproof Male 3.5x1.1mm - Extend the cable length using [1 foot](#), [4 foot](#), and [10 foot](#) extension cables] **Solar Warranty** - 2 year warranty on solar panels **Battery Size and Weight** - 4 x 2.5 x 0.5 in. (10.2 x 6.5 x 1.6 cm) - 4.4 ounces (126g) **V15 USB Battery** - Capacity: 4,000mAh, 15 Watt Hours - Output: 5V/1A USB - Input: 5-6V, 1A - DC Input: MicroUSB - Battery Type: Li-Polymer - Protection: Short Circuit, Over Charge, Over Discharge, Over Current, Over Temperature - Safe for air travel ([Carry-on Luggage Only](#))]

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: .6 kg

## Product Gallery

