

## Kayak 7F Advanced Thin-Film Solar Charger Kit



Price: CAD \$765.00

**SKU:** MOKAYAK7-F

**Product Categories:** [Home](#), [Kayak & Canoe Solar](#), [On The Water](#)

**Product Tags:** [canada](#), [canoes](#), [charger](#), [conditions](#), [kayak](#), [kayak solar charger](#), [kayaker](#), [kayaking](#), [kayaks](#), [Power](#), [solar](#), [solar charger](#), [solar power](#), [system](#), [waterproof solar charger](#), [wet](#)

**Product Page:** <https://www.modernoutpost.com/product/kayak-7-solar-charger/>

### Product Summary

When you need power for equipment charging on kayak expeditions, this is the power set to consider first. This kit is a balanced waterproof solar panel, & compact battery pack especially designed for variable marine environments. More power per day, & less weight, in all daylight conditions, than an equivalent crystalline panel system. Rental option available.

## Product Description

The Kayak 7F is the right solar power kit for demanding water-borne adventurers. Compatible with all USB & 12V DC chargers for cameras, phones, iPods, headlamps, AA batteries, GPS receivers, and more. This kit also includes support for laptops via 16V & 19V output voltages & connector tips (included).

This Kayak 7F kit Includes waterproof solar panel with matched solar storage battery.

Lash it to your kayak deck or canoe. You'll be collecting solar power all day, and be able to charge equipment day or night.

We recommend bringing your USB sync cable for USB devices, and 12V car adaptors for other DC devices. Choose from one of the [Universal Chargers](#) we carry to cover the needs of multiple devices with one charger.

The Kayak 7F is Ready To Go...

This package is ready to use right out of the box. Solar panel, 12V DC CLA socket outlet, 15' solar extension cable with waterproof gasketed connectors, battery pack, DC car charger cable, AC wall charger, and a set of common 12V CLA, USB, & laptop connectors (you choose what you need to bring on your trip).

We also include a waterproof pouch for battery storage, and a 4" PVC tube for solar panel transport.

TOTAL CORE PACKAGE WEIGHT: 960g / 33.8oz

...

The Kayak 7F Solar Panel...

- Rollable 7 Watt marine-grade solar panel - Wattage: 450mA @ 15.4V (7 Watts peak) - Type: Amorphous Silicon (made in the USA) - Manufacturer: Powerfilm Solar - Mounting: Grommet holes on panel

Advantages:

- Highest sensitivity, providing the most watt-hours generated per day across all sunlight conditions.
- Rolls into 4" PVC tube (included) for easy transport
- Weatherproof gasketed connectors

Dimensions:

58.4 x 36.8cm (23 x 14.5")

Weight: 270g / 9.5oz

The Kayak 7 Solar Storage Battery...

**PWRbox Mini 10** with [MPPT-150 Controller](#)] - Capacity: 120 Watt-Hours - Type: Lithium Iron Phosphate (LiFePO4) - Max Current (Auto Socket) : 15 Amps - Max Current (Combined) : 20 Amps - Nominal Voltage : 12 Volts - Charging Voltage : 14.6 Volts (CC/CV charge profile LiFePO4 batteries) - Dual USB Outputs : Up to 2.6A @ 5V USB device charging. Supports QuickCharge QC3.0, QC2.0, BC1.2, Apple, Samsung Adaptive Fast Charge Protocol (AFC) and Huawei Fast Charging Protocol (FCP) - Operating Temperature : 14°F to 140°F (-10°C to 60°C) - Exterior Dimensions : 10.75 in. L x 8.9 in. W x 4.5 in. H (273 mm x 226 mm x 114 mm) - Weight : 5.4 lbs. (2.5 kg) - Includes wall charger

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 3.3 kg

## Product Gallery



Product data have been exported from - Modern Outpost  
Export date: Wed Apr 2 15:52:54 2025 / +0000 GMT