

## 4.8W Trickle-Charger Solar by Schumacher SP-400



Price: CAD \$99.99

**SKU:** SCM-SP400

**Product Categories:** [Boats & Yachts](#), [On The Road](#), [On The Water](#), [RV & Van Systems](#), [Shop](#), [Thin Film](#)

**Product Tags:** [2.4 watts](#), [2.4w](#), [2w](#), [amorphous](#), [canada](#), [schumacher](#), [schumacher canada](#), [schumacher charger](#), [schumacher sp-1800 canada](#), [schumacher sp-200](#), [schumacher sp-200 canada](#), [Solar Module](#), [solar panel](#), [sp-1500](#), [sp-1800](#), [thin film](#), [thinfilm](#)

**Product Page:**

[https://www.modernoutpost.com/product/schumacher-sp-400\\_4-8w-solar-trickle-charger/](https://www.modernoutpost.com/product/schumacher-sp-400_4-8w-solar-trickle-charger/)

### Product Summary

Schumacher SP-400 4.8W Solar Trickle-Charger ASi : The thin film solar module for all your home, farm, and cabin projects requiring reliable power. The SP-400 is a great choice for Canadians wanting to keep small vehicle batteries charged while not being used, and don't have the best weather year-round, or sky exposure. Ideal for snowmobiles, ATVs, motorcycles, and SeaDoos.

## Product Description

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What's the attraction?

For our Canadian latitudes, thin film solar panels work great. Better than crystalline when the sun heads south for the winter. Why? Thin film Amorphous Silicon solar cells ([Powerfilm AS](#)] & [P3 CIGS cells too](#)]) are more sensitive to sunlight, so they start charging your batteries earlier in the day & stay charging later in the evening than crystalline. Crystalline may be more efficient, but that only means a smaller panel for the same power in direct sunlight. A 2W thinfilm solar panel will produce more watt-hours than an 2W crystalline over the course of any day of the year... they just take more room on the roof.

So, if you want more reliable charging in all clear & cloud-cover conditions, go with thin film for your smaller projects.

SP-400 Solar Trickle-Charger Features...

- 4.8W amorphous silicon solar module - Durable aluminum frame & tempered glass face - Mounting screws - 12V DC CLA Plug output connector - 12V DC Alligator Clamp output connector - Weatherproof - built for the outdoors - Environmentally friendly

SP-400 Specifications...

Solar Cell Type : Amorphous silicon

Peak Output Power : 4.8 Watts (tested at STC)

Voltage (working) : 17.5V (open current)

Current (working) : 260mA

Temperature : -40° F-185° F (-40° C-85° C)

Download the [User Manual](#)]

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Recommended to Complete Your Solar Power System...

### **Should you use a charge controller?**

There is no charge regulator included with this kit. For most applications, and battery banks, this solar charger will only maintain, and will not have the power to 'charge' the battery. At the operating voltage of this module, this is considered a 'self-regulating' solar panel.

If you want the peace of mind, we recommend the [7A model from P3 Solar](#)], and it comes pre-wired with the SAE connectors for fast & easy set-up

**Optional Connection Accessories...** [SAE 8 ft Extension \(16 AWG\)](#)] [SAE 20 ft Extension \(14 AWG\)](#)] [Ring Terminals \(18 AWG\)](#)] [Ring Terminals \(16 AWG\)](#)] [12V CLA Plug](#)] [12V CLA Socket](#)]

### Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 2.9 kg