

ASC30 30W Solar Charge Controller by Eco Energy



Price: CAD \$49.99

SKU: EEASC30

Product Categories: [Basic & Specialty](#), [Charge Controllers](#), [Shop](#)

Product Tags: [30w](#), [ASC](#), [asc30](#), [asc30 canada](#), [battery](#), [canada](#), [charge controller](#), [deep cycle](#), [eco energy](#), [lead acid](#), [regulator](#), [solar](#), [solar controller](#), [usa](#)

Product Page:

<https://www.modernoutpost.com/product/asc-solar-charge-controller/>

Product Summary

This high performance 30 Watt solar charge controller is a cost-effective way to protect your deep-cycle battery bank from overcharge. With zero power consumption at night, this controller will not be a parasitic load on your battery. Made in Canada with solar power.

Product Description

This high performance 30 Watt solar charge controller is a cost-effective way to protect your deep-cycle battery bank from overcharge. With zero power consumption at night, this controller will not be a parasitic load on your battery. The control also prevents power loss back into the solar module at night, so an external blocking diode is not required.

Unique no battery drain - Battery standby power consumption is zero! In the dark they use absolutely zero power, ideal for PV systems where efficiency is important. Other controls, which have a standby current draw, will drain the battery over the winter with no solar input, reducing the freeze protection of the battery.

Eco Energy's latest innovation; automatic nighttime shutdown with an intelligent design results in the controller using < 1/10th the power of the industry average. Other controls stay on all night, wasting precious power. Save up to 10% of the power from a 5 Watt module.

Safer - Eco Energy controllers have more built in protection and safety features than any others on the market. They feature automatic over-temperature shutdown, protection from battery removal conditions, over-current, solar and battery reverse polarity, short circuit and over-voltage protection of the inputs and outputs. Eco Energy is the first to combine all of these safety features into one controller. In remote applications, there is no need to worry about accidentally damaging the controllers.

ASC30 Features

5 year warranty

Automatic night time shutdown

Temperature compensation

Fully encapsulated in epoxy potting

Manufactured with solar power

Designed and built in North America

ASC30 General Specifications

Temperature range : -40°C to 50°C / -40°F to 120°F

Case : ABS case, completely sealed in epoxy

Weight : 50 g / 2oz.

Size (H x W x D) : 3.8 x 7.0 x 3.1 cm / 1.5 x 2.75 x 1.3 in.

Wire : 18 AWG, 15 cm / 6 in.

Solar LED Indicator : Charging

ASC30 Electrical Specifications

Voltage configurations : 12 volt (custom voltages from 6 to 20 volts)

Consumption : 7 mA daylight only, 0.5mA when in standby, night time 0 mA

Maximum Input Voltage : 22 volts DC

Maximum Charging Current : 2.5 Amps DC

Typical Charging Set Points : 14.2 volts off, 13.3 volts resume. Temperature compensated

Regulation Method : On / Off, Positive side switching

Options

Custom voltage setpoints : Match your battery exactly

Custom wire lead lengths : Avoid unnecessary splicing

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 0.24 kg