

SCC-30AB 30A Solar Charge Controller by Samlex



Price: CAD \$299.00

SKU: SXSCC30AB

Product Categories: [Charge Controllers](#), [PWM >20A](#), [Supply](#)

Product Tags: [30A](#), [30a solar charge controller](#), [canada](#), [charge controller](#), [controller](#), [pwm](#), [regulator](#), [Samlex SCC-30AB](#), [samlex scc-30ab canada](#), [scc-30ab](#), [solar](#), [solar charge](#), [solar charge controller](#)

Product Page:

<https://www.modernoutpost.com/product/scc-30ab-30a-solar-charge-controller-by-samlex/>

Product Summary

The Samlex SCC-30AB 30 Amp Charge Controller is designed with RV solar systems in mind. Advanced PWM, 4-stage algorithm with equalization keep your batteries as healthy as possible & extends their life. Flush mount design with informative LCD & LED display lets you know exactly how your solar system is performing. 30A (500W) capacity gives you room to expand.

Product Description

The Samlex SCC-30AB 30 Amp Charge Controller regulates current and protects your batteries from over-charging. Features of this 4-stage Charger include: LED status indicators, digital LCD monitor and 8 charge settings for most battery types. Charging is further regulated with the optional DC-BTS-A-C Battery Temperature Sensor.

SCC-30AB Features... - Pulse Width Modulated (PWM) charging - most efficient and effective way to charge batteries - 4-stage battery charging: Bulk, Absorption, Float and manual / automatic Equalization - 8 selectable battery charging profiles for easy setup - Temperature compensated charging with optional Temperature Sensor - Digital LCD Monitor for informative display of operational parameters and fault messages **Ideal For...** - Recreation vehicles - Service vehicles - Boats - Field work - Telecommunications - Mobile offices - Construction sites **SCC-30AB Specifications...**

Input

- MAXIMUM OPEN CIRCUIT VOLTAGE (Voc) OF SOLAR PANEL / ARRAY : 50V -
- MAXIMUM SHORT CIRCUIT CURRENT (Isc) OF SOLAR PANEL /ARRAY : 30A -
- MAXIMUM SELF CONSUMPTION OF THE CONTROLLER : 50mA **Output /**

Charging - TYPE OF CONTROLLER : Series, Pulse Width Modulation (PWM) - BATTERY SYSTEM VOLTAGE : 12V / 24V (Switch selectable) - BATTERY TYPES Lead Acid : Flooded/AGM/Gel Cell; Ni-Cd - CHARGING ALGORITHM 4 Stage : Absorption, Float, Equalization - CHARGING PROGRAMS : 8 Programs (Switch selectable) - ABSORPTION VOLTAGE (BASED ON SELECTED PROGRAM) : 14.0V to 16.0V for max 1 hour - FLOAT VOLTAGE (BASED ON SELECTED PROGRAM) : 13.4V / 14.5V

EQUALIZATION VOLTAGE (BASED ON SELECTED PROGRAM) : 14.2V to 15.3V
- 1 to 3 hours - Manual or automatic after 28 / 14 days interval

TEMPERATURE COMPENSATION (With optional Temperature Sensor DC-BTS-A-C)
- 30mV / °C for 12V Battery - 60mV / °C for 24V Battery - Compensation range: 0°C to 50°C **Display**

LCD DISPLAY : Alpha Numeric Display for operational parameters and fault

messaging

- 7 selectable screens - LED DISPLAY : For charging status and fault indication.
- Single 3-color LED **Protections** - OVER CURRENT : Shut down at input current > 45A

OVER TEMPERATURE OF HEAT SINK (FACE PLATE) :

- Temperature > 90°C: Disconnect panel / array - Reconnect when cools down to 70°C
- Environmental** - OPERATING TEMPERATURE RANGE : 0°C to +45°C / 32°F to 113 °F - STORAGE TEMPERATURE RANGE : -55 °C to +85 °C / - 67 °F to 185 °F - HUMIDITY : 95%, Non-condensing
- Mechanical** - DIMENSIONS (W x D X H) : 190 x 108 x 34 mm / 7.5 x 4.25 x 1.35 in - WEIGHT : 0.4 kg / 0.8 lb - ENCLOSURE / FACE PLATE : Powder coated steel. For indoor use only.

SCC-30AB Downloads... [Manual](#)] [Spec Sheet](#)]

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 0.9 kg

Product Gallery

