

SunLight 10 Solar Lighting Controller (12V)



Price: CAD \$179.00

SKU: MSSSL10L12V

Product Categories: [PWM : 10A-19A](#), [Charge Controllers](#), [Shop](#)

Product Tags: [12v](#), [canada](#), [charge controller](#), [controller](#), [Lighting](#), [morningstar](#), [sl-10l-12v](#), [solar](#), [sunlight](#), [sunlight 10](#), [sunlight 10 canada](#)

Product Page: <https://www.modernoutpost.com/product/sunlight-10-12v/>

Product Summary

Morningstar's SunLight™ 10A, 12V solar lighting controller combines the SunSaver design with an advanced microcontroller for automatic lighting control functions.

Product Description

Morningstar's SunLight™ 10A, 12V solar lighting controller combines the SunSaver design with an advanced microcontroller for automatic lighting control functions.

SunLight 10 Key Features and Benefits

- Microcontroller digital accuracy
- Fully automatic operation

- Ten field adjustable lighting control options
- Special on/off/on lighting functions
- Manual test capability
- LVD override protection
- Detects day and night using the PV array
- Suitable for all 12 Vdc lamps
- Sealed/Flooded battery select
- Temperature compensation
- Parallel with a SunSaver for 40 amps solar
- Includes SunSaver battery charging circuit

Operation:

- Rotary digital switch to select among 10 lighting options (see back)
- Test button flashes red LED to confirm correct rotary switch selection
- Test button turns lights on for 5 minutes (in LVD limited to 3 times)
- LVD overrides lighting timer
- Sunrise overrides lighting timer
- Timer accuracy is within 2 seconds

Lighting Control Options

- OFF
- 2 Hours ON after sunset
- 4 Hours ON after sunset
- 6 HOURS ON after sunset
- 8 HOURS ON after sunset
- 10 HOURS ON after sunset
- 3 Hours ON after sunset / OFF / 1 Hour ON before sunrise
- 4 Hours ON after sunset/ OFF / 2 Hour ON before sunrise
- 6 Hours ON after sunset/ OFF / 2 Hour ON before sunrise
- DUSK-to-DAWN

Electrical Specifications

Rated Solar Input 10A

Rated Load 10A

25% Current Overload 5 min.

Regulation Voltage:

Sealed Battery 14.1V

Flooded Battery 14.4V

Load Disconnect 11.7V

LVD Reconnect 12.8V

Temp. Comp. (mV/°C) -27

Self-consumption 8 mA

Operating Temp. -40 to +85°C

Product Attributes

- Dimensions: 1 × 1 × 1 cm
- Weight: 0.6 kg