

## SunLight 20 Solar Lighting Controller by Morningstar



Price: CAD \$229.00 - CAD \$239.00

**SKU:** MSSUNLIGHT20L

**Product Categories:** [Charge Controllers](#), [PWM : 20A-29A](#), [Shop](#)

**Product Tags:** [12v](#), [24V](#), [canada](#), [controller](#), [Lighting](#), [morningstar](#), [morningstar sunlight 20](#), [solar](#), [sunlight](#), [sunlight 20](#), [sunlight 20 canada](#)

**Product Page:**

<https://www.modernoutpost.com/product/sunlight-20-solar-lighting-controller-by-morningstar/>

### Product Variants

- SunLight 20 Solar Lighting Controller by Morningstar - 12V ( )
- SunLight 20 Solar Lighting Controller by Morningstar - 24V ( )

### Product Summary

Morningstar's SunLight 20. A 20A solar lighting controller combining the SunSaver

design with an advanced microcontroller for automatic lighting control functions.  
Choose from 12V or 24V battery voltage.

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### SunLight 20 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
- Sealed/Flooded battery select
- Temperature compensation
- Parallel with a SunSaver for 40 amps solar
- Includes SunSaver battery charging circuit

### SunLight 20 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

### SunLight 20 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

## SunLight 20 Electrical Specifications...

- Rated Solar Input 20A - Rated Load 20A - 25% Current Overload 5 min.

### Regulation Voltage:

- Sealed Battery 28.2V - Flooded Battery 28.8V - Load Disconnect 23.4V - LVD Reconnect 25.6V - Temp. Comp. (mV/°C) -27 - Self-consumption 9 mA - Operating Temp. -40 to +85°C [DOWNLOAD THE SPEC SHEET HERE](#)]

## Product Attributes

- Dimensions: 1 &times; 1 &times; 1 cm
- Weight: 0.6 kg
- Battery Voltage: 12V, 24V