

SunLight solar lighting controller – The solution for automatic light control

New technology

The advanced SunLight lighting controller of Morningstar is the solution for automatic light control. It connects the SunSaver with an extremely reliable micro-controller for precise light control. In addition to its technical features, the SunLight convinces with its compact casing and the user-friendly user interface.

Operation

By means of a digital rotary switch, one of ten lighting programmes can be selected. The programmes have a time precision of two seconds. Use the test button to initiate a five-minute test of the lighting manually. However, this option is limited to three times in subsidiary control operation.

Four versions

Depending on application and connected battery, the Morningstar SunLight is available in four different versions. While the technical features of the devices are identical, you will have to decide whether the SunLight will be connected to a 12 V or 24 V battery and whether it will be operated with a rated current of 10 A or 20 A.

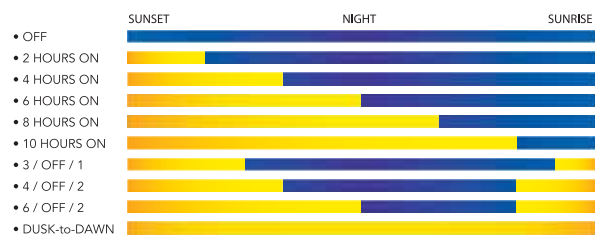
Features in brief

- High precision through digital technology
- Fully automatic operation
- Ten different programmes
- Manual testing possible
- Protection through overload subsidiary control
- Detection of day and night by means of the solar generator
- Temperature compensation







The SunLight solar lighting controller: Clever technology in a small casing

Lighting Control Options



Pre-set light control: Practical and intelligent

CONTROLLERS Solar Controllers

Art. No.	0400261	0400281	0400271	0400291
				
Model	Morningstar SunLight SL-10L-12V	Morningstar SunLight SL-20L-12V	Morningstar SunLight SL-10L-24V	Morningstar SunLight SL-20L-24V
Rated current	10 A	20 A	10 A	20 A
System voltage	12 V	12 V	24 V	24 V
Control value (Dry battery / Wet battery)	14.1 V / 14.4 V	14.1 V / 14.4 V	28.2 V / 28.8 V	28.2 V / 28.8 V
Exhaustive-discharge protection	11.7 V	11.7 V	23.4 V	23.4 V
Restart voltage	12.8 V	12.8 V	25.6 V	25.6 V
Temperature compensation	-27 mV/°C	-27 mV/°C	-54 mV/°C	-54 mV/°C
Power consumption	8 mA	8 mA	9 mA	9 mA
Connection	Connection terminals, up to 5.2 mm ²	Connection terminals, up to 5.2 mm ²	Connection terminals, up to 5.2 mm ²	Connection terminals, up to 5.2 mm ²
Operating temperature	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C	-40 to +85 °C
Casing	Anodized aluminium	Anodized aluminium	Anodized aluminium	Anodized aluminium
Dimensions (W / H / D)	168 mm / 55 mm / 34 mm	168 mm / 55 mm / 34 mm	168 mm / 55 mm / 34 mm	168 mm / 55 mm / 34 mm
Weight	260 g	260 g	260 g	260 g
Warranty	5 years	5 years	5 years	5 years