Specifications:	SL-10L-12V	SL-10L-24V	SS-20L-12V	SS-20L-24V
System Voltage	12 V	24 V	12 V	24 V
Maximum Voltage	30 V	50 V	30 V	50 V
Rated Solar Input	10 A		20 A	
Rated Load	10 A		20 A	
25% Current Overload	5 minutes	N/A	5 minutes	N/A
Regulation Voltage: Sealed PWM	14.1	28.2	14.1	28.2
Regulation Voltage: Flooded PWM	14.4	28.8	14.4	28.8
Temperature Compensation	-27 mV/°C	-54 mV/°C	-27 mV/°C	-54 mV/°C
Low-Voltage Disconnect (LVD)	11.7 V	23.4 V	11.7 V	23.4 V
Low-Voltage Reconnect (LVR)	12.8 V	25.6 V	12.8 V	25.6 V
Self-consumption	8 mA	9 mA	8 mA	9 mA
Ambient Temperature Range	-40 to 60°C			

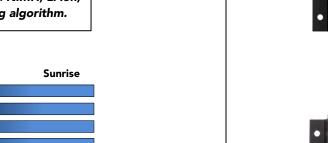




SunLight-10 Solar Lighting Controller









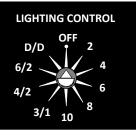
### **Battery Type Selection:**



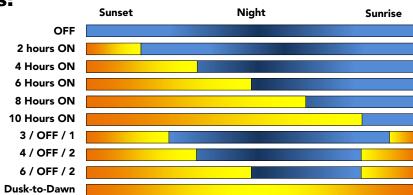
#### **IMPORTANT:**

The SunLight charging algorithm is compatible with lead-acid or NiCd batteries. NiMH, Li-ion, and other battery chemistries are not compatible with the SunLight charging algorithm.

### **Lighting Control Options:**



Turn the dial to the desired setting. This illustration shows the dial set to **OFF**.



See the SunLight Operator's Manual for detailed information on lighting control settings.



**Technical Support:** <u>morningstarcorp.com/support</u> Phone: 1-215-321-4457



# **S**UN**L**IGHT<sup>™</sup> SOLAR LIGHTING CONTROLLER

## **Quick Start Guide**

#### **SUNLIGHT Models:**

SL-10L-12V	SL-10L-24V
SL-20L-12V	SL-20L-24V

SunLight-20 Solar Lighting Controller

> Warranty Registration: https://www.morningstarcorp.com/product-registration/

> > Scan QR Code to go directly to the **SunLight Operator's** Manual and warranty information online.



#### **Important Safety Information:**



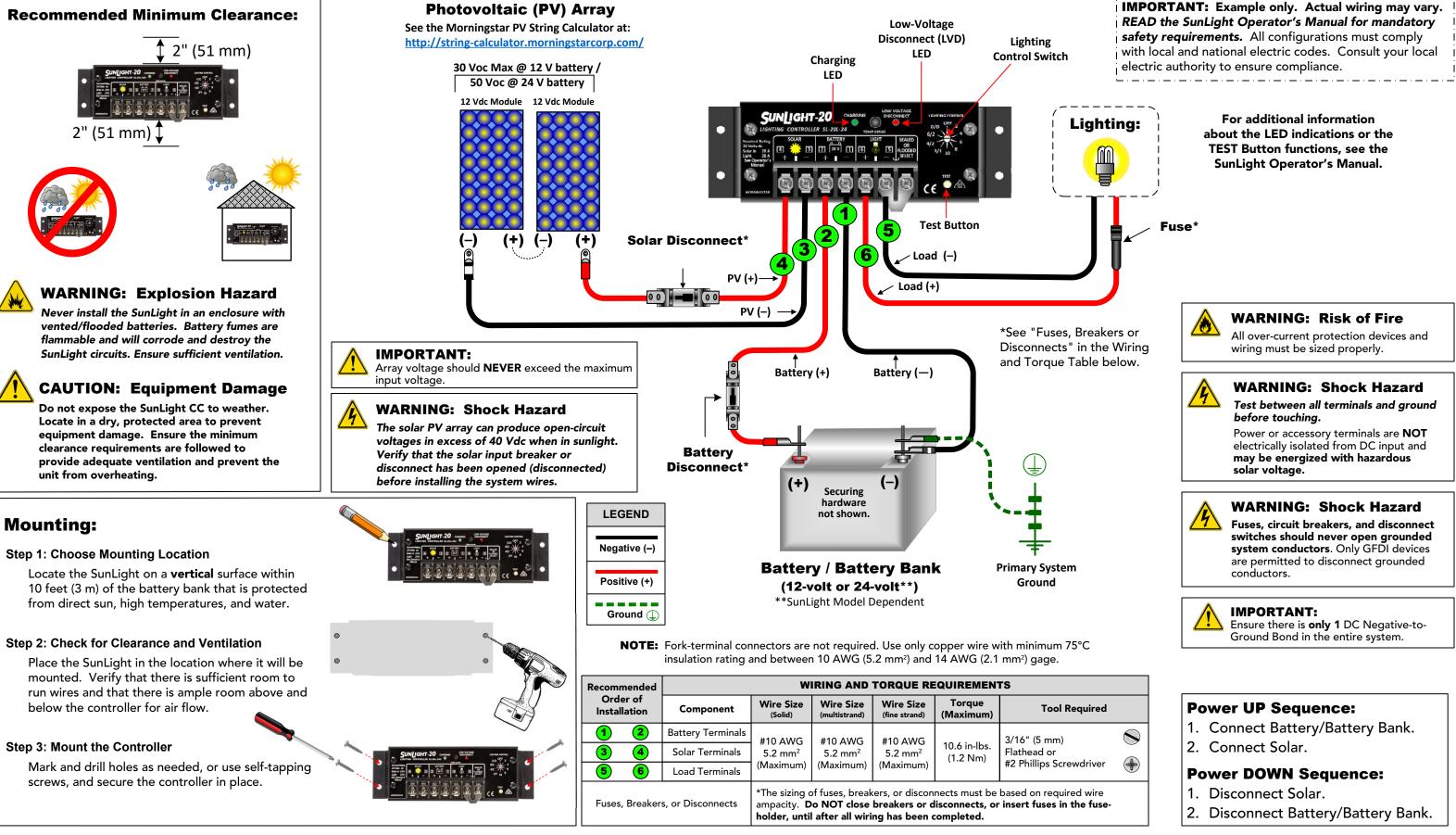
### WARNING: Shock Hazard

The SunLight solar lighting controller must be installed by a **qualified** technician in accordance with the electrical regulations of the country of installation.



**IMPORTANT:** READ the SunLight **Operator's Manual for safety and** regulatory information, instructions on configuration and operation, and warranty information.

# **SunLight Solar Lighting Controller**



#### Step 3: Mount the Controller

Mark and drill holes as needed, or use self-tapping screws, and secure the controller in place.

2

# **Quick Start Guide**