

A good start. A warmer welcome.

For BUINNE 12-inch and 15-inch solar pillar lights. Keep this guide for installation, everyday use, and support.

Choose the right size

Model	Solar panel	Dimensions (L x W x H)	Light / protection
12-inch	10W	12 x 12 x 5.5 inches	Up to 420 lm / IP66
15-inch	12W	15 x 15 x 7 inches	Up to 420 lm / IP66

Both models use a 5200mAh lithium-ion battery and a display remote. Remote requires 2 AAA batteries, not included. Lights are sold separately. Brightness is up to 420 lumens at full charge and maximum brightness; output decreases as the battery drains.

Installation and first use

1. Check the location and fit

Measure your pillar top and check mounting compatibility. Choose a location where at least 3 hours of sunlight reaches the solar panel daily. Sun intensity and persistent shade affect charging.

2. Secure the mounting base

Use the supplied expansion anchors on a suitable surface. For a no-drill alternative, use suitable exterior-grade silicone on a compatible surface and follow the adhesive manufacturer's preparation and curing directions.

3. Attach the light

After any silicone has fully cured, attach the light and tighten the side screws. Keep wiring clear so it is not pinched. Check that the installed assembly is stable.

4. Give it a full first charge

Allow a full sunny day of charging before first use, then test at night. No household electrical connection is required.

Built for outdoor living

The housing uses 1mm-thick 304 stainless steel, smooth welded seams, and textured black powder coating with subtle metallic sparkle. Frosted panels and a reflective interior help distribute light. IP66 dust and water protection supports outdoor use. Do not submerge the light.

Make the most of available daylight.

What MPPT does

Maximum Power Point Tracking helps manage the panel's operating point near its power peak. A converter then matches the collected power to battery charging. MPPT improves use of available sunlight; it cannot create power without light.

Runtime and charging

Runtime depends on sunlight intensity and duration, starting battery charge, selected brightness, weather, and night length. Prolonged rainy weather can shorten runtime. Allow sufficient sunlight to restore the battery. A lower brightness setting can reduce nighttime energy use.

Our building-shade test

In an all-day building-shade test with no direct sunlight and daily indirect-light charging, the test light stayed on until dawn for 10 consecutive nights. It did not reach dawn on night 11. This describes one test rather than a guaranteed runtime. Starting charge, weather, brightness, and night length affect results.

Simple care

Keep the panel free from dust, leaves, and snow. Avoid prolonged panel obstruction and extended storage at low charge. Fully charge before long-term storage and recharge periodically according to product guidance. Keep the remote dry and remove its AAA batteries during long periods of non-use.

Replaceable key components

The battery pack and integrated LED + MPPT module are replaceable. Contact BUINNE to confirm model and connector compatibility and to obtain the appropriate instructions before opening the light. Do not select a battery solely by voltage or capacity, alter internal wiring, or connect an external panel or battery.

Need a hand?

Product support and warranty: support@buinne.com

General questions: info@buinne.com

Wholesale and partnerships: sales@buinne.com

BUINNE responds within 48 hours on business days. Include your light size, the symptom, what you tried, and available purchase details. You may also contact BUINNE through your Amazon order. Marketing subscription is optional and is not required for support.