


ENGREPO

JD-S80-4 LED
SOLAR LIGHT



Engrepo JD-S80-4 LED Solar Light Instruction Manual

[Home](#) » [Engrepo](#) » Engrepo JD-S80-4 LED Solar Light Instruction Manual 

Contents

- [1 Engrepo JD-S80-4 LED Solar Light](#)
- [2 INTRODUCTION](#)
- [3 SPECIFICATIONS](#)
- [4 WHAT'S IN THE BOX](#)
- [5 FEATURES](#)
- [6 SETUP GUIDE](#)
- [7 CARE & MAINTENANCE](#)
- [8 TROUBLESHOOTING](#)
- [9 PROS & CONS](#)
- [10 WARRANTY](#)
- [11 FREQUENTLY ASKED QUESTIONS](#)
- [12 References](#)
- [13 Related Posts](#)

ENGREPO

Engrepo JD-S80-4 LED Solar Light



INTRODUCTION

A cutting-edge solar light that is both energy efficient and kind to the environment, the Engrepro JD-S80-4 LED Solar Light provides intense illumination with minimal impact on the environment. This solar-powered light has 156 high-quality LED lights and a 1000 lumens brightness, so it will provide more than enough light for your yard, garden, driveway, or any other outdoor area. Anyone seeking a sustainable and budget-friendly way to improve their outdoor atmosphere will find this light to be an ideal alternative, thanks to its 3.2-volt solar panel that provides 5 watt hours of energy storage. The light is designed to withstand adverse weather conditions thanks to its waterproof technology. The Engrepro JD-S80-4 has been on sale since its debut on December 17, 2020, with a price tag of \$55.99. This solar light by Engrepro is an excellent choice for individuals who want to enhance the aesthetics, functionality, and environmental friendliness of their outdoor lighting.

SPECIFICATIONS

Brand	Engrepo
Price	\$55.99
Power Source	Solar Powered
Number of Light Sources	156
Voltage	3.2 Volts
Lighting Method	LED
Specification Met	FCC, CE, RoHS, MSDS, UN38.3
Wattage	5 Watt-hours
Controller Type	Switch Button
Switch Type	Touch
Unit Count	4.0 Count
Water Resistance Level	Waterproof
Brightness	1000 Lumen
Efficiency	20%
Color Temperature	6500 Kelvin
Average Life	50,000 Hours
Product Dimensions	16.4 x 5.4 x 1.97 inches
Weight	4 Pounds
Item Model Number	JD-S80-4
Batteries	1 Lithium Ion battery required
Date First Available	December 17, 2020
Manufacturer	ENGREPO



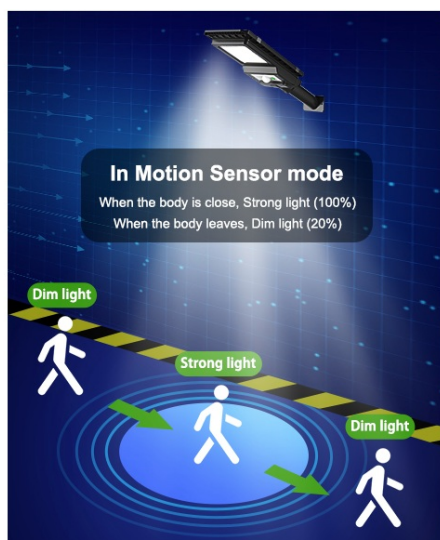
WHAT'S IN THE BOX

- LED Solar Light
- Manual

FEATURES

- **Eliminating the Need for Complicated Wiring and Extra Tools** : The Engrepro JD-S80-4 can be easily installed with the use of two screws.
- **The 156 LEDs in this solar floodlight produce light with an intensity of** : Up to 1000 lumens, making it ideal for lighting large outdoor areas.
- **Light Up More Space** : This outdoor light is ideal for illuminating patios, gardens, fences, and yards thanks to its wide beam angle.
- **This highly efficient 6V/3W polycrystalline solar panel can turn as much as** : 20% of the sun's rays into usable electricity.
- **The solar panel can quickly charge the battery in around** : 6 hours when exposed to ideal sunshine, allowing for up to 12 hours of continuous operation during the night.
- **Ideal for use at night, the light's lengthy energy life (up to 12 hours on a full charge) is thanks to** : Its high-capacity battery.

- **The built-in PIR motion sensor improves safety by :** Turning on the light fully bright whenever it senses motion.
- **You can modify the sensitivity of the motion sensor to detect motion from a range of :** 16 to 49 feet thanks to its adjustable range.
- **The light's IP65 rating makes it resistant to :** Dust, rain, and snow, guaranteeing dependable performance in any climate.
- **High-Impact Materials:** This solar light can endure severe weather because it is constructed from sturdy, high-quality materials.
- **Several international safety and quality criteria, such as :** FCC, CE, RoHS, MSDS, and UN38.3, have been met by the light.
- **As it is solar-powered and uses no electricity :** It is a green choice for outdoor lighting.
- **Eco-Friendly:** The light is powered by solar panels during the day, which store energy for use at night, eliminating the need for extra wiring and electricity expenses.
- **The typical lifespan of LED bulbs is up to :** 50,000 hours, which is really excellent and means you won't have to replace them very often.
- **Light Color Temperature:** This outdoor security light has a cool 6500K color temperature, so it gives off brilliant, daylight-like light.



SETUP GUIDE

- **After you unbox the solar light:** Check to see if the user manual, mounting screws, and light are all there.
- **Site Selection:** Pick an area that gets at least six hours of sunshine every day to install the system.
- **To get the most out of your motion sensor :** Install it between 6 and 14 feet above ground.
- **To make sure the solar panel gets full sun:** Ensure there are no overhangs or gutters in its vicinity.
- **Mounting Bracket Installation:** Fasten the mounting bracket to the wall, fence, or post using the screws that came with it.
- **To get the most out of your solar panels :** Ensure they are facing squarely towards the sun.
- **Once the bracket is in place:** Attach the light fixture to it, ensuring it's tight.
- **Make sure the motion detector is facing the right way :** Adjust the light's angle to illuminate the specified region.
- **Walk inside the motion sensor's detection range:** Ensure it turns on the light when you walk by.

- **Verify the Battery:** Prior to use, ensure the lithium-ion battery is correctly placed and fully charged.
- **After installation:** Test the light's functionality by pressing the switch button to turn it on.
- **Configure the Parameters:** Personalize and adapt the motion detection sensitivity settings to your surroundings.
- **Keep an eye on the light's operation:** Observe for a few days to ensure it turns on when it senses motion and gives off enough light.
- **Make Sure It Charges Properly:** During the day, ensure the solar panel gets enough sunlight to fully charge the battery.
- **Mounting from a Distance:** To prevent sensor interference, position the light fixture sufficiently far from neighboring structures when mounting it on a pole or fence.

CARE & MAINTENANCE

- **Maintaining a Clean Solar Panel:** Dust, filth, and other debris can impair charging efficiency by blocking sunlight, so clean the solar panel periodically.
- **Examine the Light:** If you see any damage, such as cracks or loose pieces, fix it or replace it.
- **Verify the Thermometer:** Keep the PIR motion sensor clean and clear of obstructions to maintain sensitivity.
- **Keep the Light Output Consistent:** Wipe the light fixture's lens to keep it bright and clear of anything that could diffuse the light.
- **If the light won't remain on for more than a few seconds:** Check the battery and replace it if needed.
- **If the lithium-ion battery's performance drops:** Replace it with a new, compatible one.
- **Make Sure It's Charging Properly:** Check if any trees, buildings, or other obstructions are blocking the solar panel's light.
- **Check Screws and Fasteners:** Periodically check and tighten screws and fasteners to ensure the light is securely mounted and works correctly.
- **When cleaning the light:** Avoid using strong solvents that could damage the lens or housing.
- **Make Sure It Works:** Regularly test the light's motion detector and nightlight to ensure they function properly.
- **The solar light's motion sensor and LEDs:** Are vulnerable to physical damage, so keep heavy objects away from them.
- **To keep the light from breaking over the winter:** Bring it inside if you are in a very cold or snowy area.
- **The solar panel needs to be moved to a sunny area:** To charge more efficiently during the winter months when sunlight is limited.
- **Keep an eye on the light's performance:** Adjust sensitivity and angle settings as needed and monitor the light's brightness during the night.
- **To prevent electrical component damage from flooding:** Ensure the lamp is not positioned in a spot where water could pool.

TROUBLESHOOTING

Issue	Possible Solution
Light does not turn on	Ensure the solar panel receives direct sunlight for proper charging.
Light is dim or flickering	Clean the solar panel and check for obstructions blocking sunlight.
Light does not charge fully	Place the light in a location with full sunlight exposure.
Light stays on all the time	Verify the touch switch is in the correct mode for automatic operation.
Battery life is too short	Check the battery health and replace if necessary.
Light turns off too early	Make sure the solar panel is positioned properly for maximum charge.
Light is not responding to touch	Inspect and clean the touch control area to remove dust or dirt.
Solar panel does not charge at all	Ensure there are no obstructions blocking the solar panel.
Water has entered the light unit	Inspect for cracks or damage and ensure the light is properly sealed.
Light does not function after rain	Let the unit dry out completely before use.

PROS & CONS

PROS

1. Solar-powered, reducing energy consumption and costs.
2. 1000 lumens brightness for effective outdoor illumination.
3. Long-lasting 50,000-hour lifespan for durability.
4. Waterproof design, making it suitable for all weather conditions.
5. Touch switch control for convenient operation.

CONS

1. Requires direct sunlight for optimal performance.
2. Lithium-ion battery may need replacement over time.
3. 5-watt hours capacity might not be enough for larger spaces.
4. Brightness may vary depending on solar exposure.
5. May take time to fully charge during cloudy weather.

WARRANTY

Engrepo offers a **1-year limited warranty** on the JD-S80-4 LED Solar Light, which covers any manufacturing defects under normal use. The warranty excludes damages caused by improper use, accidents, or unauthorized repairs. To make a warranty claim, customers need to provide a valid proof of purchase.

FREQUENTLY ASKED QUESTIONS

What is the Engrepo JD-S80-4 LED Solar Light?

The Engrepo JD-S80-4 LED Solar Light is a powerful solar-powered outdoor light designed to provide high-efficiency illumination. It features 156 LED lights and is perfect for enhancing the lighting in yards, gardens, or pathways.

What is the price of the Engrepo JD-S80-4 LED Solar Light?

The Engrepo JD-S80-4 LED Solar Light is priced at \$55.99, offering excellent value for a high-performance solar lighting solution.

How is the Engrepo JD-S80-4 LED Solar Light powered?

The Engrepo JD-S80-4 LED Solar Light is solar-powered, meaning it harnesses the energy from the sun to provide illumination without the need for external power sources.

What is the brightness of the Engrepo JD-S80-4 LED Solar Light?

The Engrepo JD-S80-4 LED Solar Light emits an impressive 1000 lumens of brightness, making it ideal for large outdoor spaces that need bright, reliable lighting.

How many LED light sources does the Engrepo JD-S80-4 Solar Light have?

The Engrepo JD-S80-4 LED Solar Light has 156 LED light sources, providing a bright and efficient lighting solution for your outdoor areas.

What is the voltage of the Engrepo JD-S80-4 LED Solar Light?

The Engrepo JD-S80-4 LED Solar Light operates on 3.2 volts, making it energy-efficient while still delivering powerful illumination.

What is the average life expectancy of the Engrepo JD-S80-4 LED Solar Light?

The Engrepo JD-S80-4 LED Solar Light has an impressive average life of 50,000 hours, ensuring long-term reliability and minimal maintenance.

What certifications does the Engrepo JD-S80-4 LED Solar Light have?

The Engrepo JD-S80-4 LED Solar Light meets several industry standards, including FCC, CE, RoHS, MSDS, and UN38.3 certifications, ensuring it complies with safety and environmental guidelines.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.