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> APILAB Solar Shed Light (Model DP048AB) - Instruction Manual

APILAB DP048AB

APILAB Solar Shed Light (Model DP048AB) - Instruction Manual

Comprehensive guide for your APILAB Solar Shed Light, Model DP048AB.

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1. PRODUCT OVERVIEW

The APILAB Solar Shed Light (Model DP048AB) offers a versatile and energy-efficient lighting solution for both indoor and outdoor spaces. This pendant light features a powerful 2000LM output, a convenient pull-string control, and a dusk-to-dawn sensor. Powered by a high-efficiency solar panel and a 6000mAh battery, it provides reliable illumination for sheds, garages, barns, gazebos, and more, without the need for electrical wiring. Its IP65 waterproof rating ensures durability in various weather conditions, though the power box should be installed in a non-waterproof area.



Image: The APILAB Solar Shed Light provides bright illumination for outdoor patios and similar spaces.

2. WHAT'S IN THE BOX

Your APILAB Solar Shed Light package includes the following components:

- Pendant Lamp (x2)
- Solar Panel (x2)
- Power Box with Pull String (x2)
- Installation Accessories (x2)
- Instruction Manual

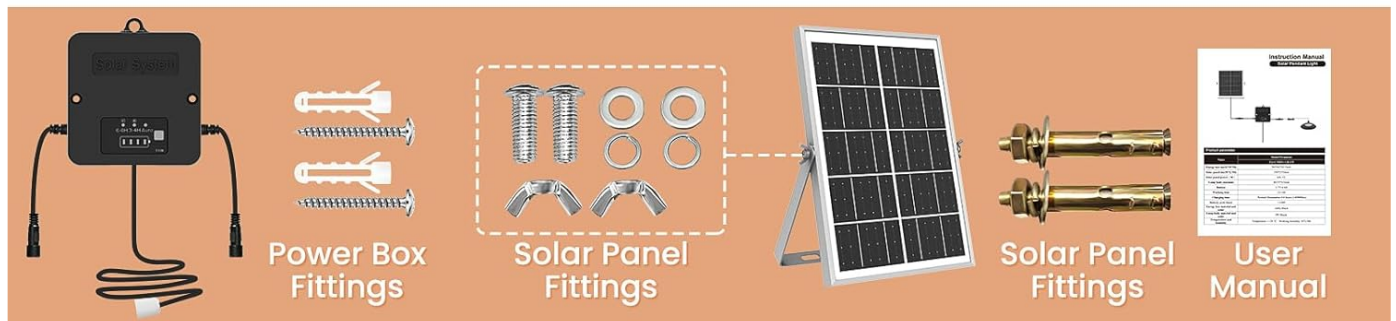
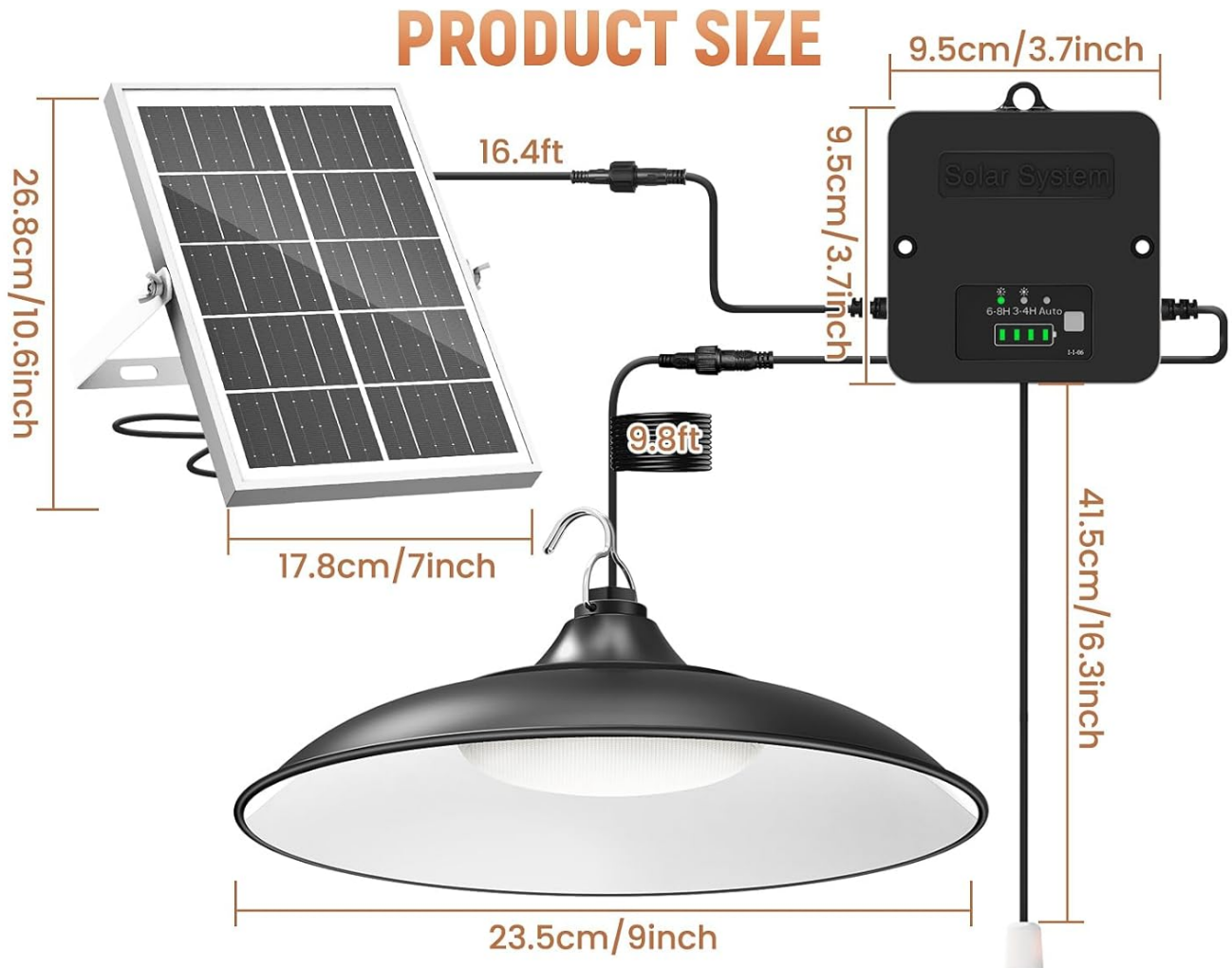


Image: All components of the APILAB Solar Shed Light system.

3. SETUP AND INSTALLATION

Follow these steps to properly install your APILAB Solar Shed Light:

1. **Choose a Location for the Solar Panel:** Select an outdoor area that receives 6-8 hours of direct sunlight daily for

optimal charging. The solar panel comes with a mounting bracket for secure placement.

2. **Mount the Solar Panel:** Use the provided installation accessories to securely fasten the solar panel. Ensure it is angled to maximize sun exposure.
3. **Position the Pendant Light:** The pendant light can be hung inside your shed, garage, or any desired indoor/outdoor covered area. It features a hook for easy hanging.
4. **Install the Power Box:** The Power Box contains the battery and control mechanism. It is **not waterproof**, so install it in a dry, sheltered area, ideally near the light and within reach for the pull string.
5. **Connect the Components:** Use the included 16.4ft + 9.8ft extension cables to connect the solar panel to the power box, and the power box to the pendant light. Ensure all connections are secure.



Image: Step-by-step installation guide for the solar shed light.

Your browser does not support the video tag.

Video: Official APILAB Solar Pendant Light installation and feature demonstration.

4. OPERATING INSTRUCTIONS

The APILAB Solar Shed Light features a convenient pull-string control and multiple lighting modes:

- **Power Box Indicators:** The Power Box displays battery level and current mode.
- **Pull String Control:** The pull string allows you to cycle through the lighting modes.

Lighting Modes:

1. **Mode 1 (Medium Brightness):** Pull the string once. Provides medium light for 6-8 hours, suitable for both day and night use.
2. **Mode 2 (High Brightness):** Pull the string two quick times. Provides high brightness for 3-4 hours, suitable for both day and night use.

- Mode 3 (Dusk-to-Dawn Auto):** Pull the string three quick times. The light will automatically turn on at medium brightness after dark and operate for 12-14 hours.
- To Turn Off:** Pull the string for 3+ seconds to turn off the light from any mode.



Image: Explanation of the three lighting modes and pull string operation.

5. MAINTENANCE

To ensure optimal performance and longevity of your solar shed light, follow these maintenance guidelines:

- Clean the Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption and efficient charging.
- Check Connections:** Periodically inspect all cable connections between the solar panel, power box, and light fixture to ensure they are secure and free from corrosion.
- Protect the Power Box:** As the Power Box is not waterproof, ensure it remains in a dry, sheltered location to prevent water damage.

- **Winter Care:** In areas with heavy snow, clear snow from the solar panel to allow for charging.

6. TROUBLESHOOTING

If your APILAB Solar Shed Light is not functioning as expected, consider the following common issues and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Insufficient solar panel charging.	Ensure the solar panel is in direct sunlight for 6-8 hours. Clean the panel surface.
Light is dim or flickers.	Low battery charge or dirty solar panel.	Allow the solar panel to charge fully. Clean the solar panel.
Light does not respond to pull string.	Incorrect pull sequence or internal issue.	Review operating instructions for correct pull sequence. Ensure the power box is functioning.
Light turns off too quickly.	Battery not fully charged or selected mode has shorter duration.	Ensure full charge. Select a mode with longer working hours (e.g., Mode 3 for 12-14 hours).

7. SPECIFICATIONS

Feature	Detail
Brand	APILAB
Model Number	DP048AB
Power Source	Solar Powered
Light Source	LED
Brightness	2000 Lumens
Color Temperature	6500 Kelvin (Cool White)
Voltage	3.7 Volts
Solar Panel Wattage	6 Watts
Battery Capacity	6000mAh
Charging Time	6-8 hours (direct sunlight)
Working Time	Up to 14 hours (depending on mode)
Material	Acrylonitrile Butadiene Styrene (ABS), Iron
Water Resistance	IP65 Waterproof (light fixture), Power Box is NOT waterproof.
Cable Length	16.4ft + 9.8ft (total 26.2ft)

Feature	Detail
Controller Type	Pull Cord
Item Dimensions (L x W x H)	9.25" x 9.25" x 2.48"



Image: Weather-resistant features of the light fixture.

8. WARRANTY AND SUPPORT

Warranty Information:

The APILAB Solar Shed Light (Model DP048AB) comes with a **1-year manufacturer's warranty**.

Customer Support:

For any questions, concerns, or support regarding your product, please visit the official APILAB Store on Amazon or refer

to the contact information provided in your product packaging.

You can visit the APILAB Store here: [APILAB Store](#)

