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- › [Baseus](#) /
- › [Baseus A1 3W Solar Panel for Security Cameras Instruction Manual](#)

Baseus A1

Baseus A1 3W Solar Panel for Security Cameras Instruction Manual

Model: A1 (Product Number: S00036)

Brand: Baseus

1. INTRODUCTION

The Baseus A1 3W Solar Panel is designed to provide continuous, eco-friendly power to compatible Baseus security cameras. This panel ensures your cameras remain charged and operational without the need for frequent battery changes or external power sources. Its robust, all-weather design makes it suitable for outdoor use in various environmental conditions.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- Solar Panel with integrated USB-C Charging Cable (4m / 13ft) x 1
- Mounting Bracket x 1
- Screw Pack x 1

3. PRODUCT FEATURES

- **Unlimited Solar Power:** Provides continuous power to your security camera with just 30 minutes of daily sunlight.
- **High-Efficiency Charging:** Advanced 5-layer structure absorbs more sunlight, improving energy conversion by 8%.
- **All-Weather Durability (IP67 Rated):** Designed to withstand extreme conditions from -20°C to 50°C (-4°F to 122°F). The panel maintains optimal performance without peeling, curling, or yellowing in rain, snow, or intense heat.
- **Adjustable Mounting:** Features a 360° rotation and 90° tilt design for optimal sunlight exposure.
- **Plug & Play Convenience:** Easy installation with the integrated 4m (13ft) USB-C cable. No complex tools or technical skills required.

- **Universal Compatibility:** Seamlessly works with Baseus security cameras including N1, B1, S1, S1 Pro, S1 Lite, and future models.
- **Safe & Eco-Friendly:** Built-in power management protects against overvoltage. Utilizes renewable, clean, and cost-free solar energy.

Absorbs More. Powers Longer.



IP67
Weatherproof



Superior Heat
Dissipation



8% More Energy
Transfer



Ultra
Durable

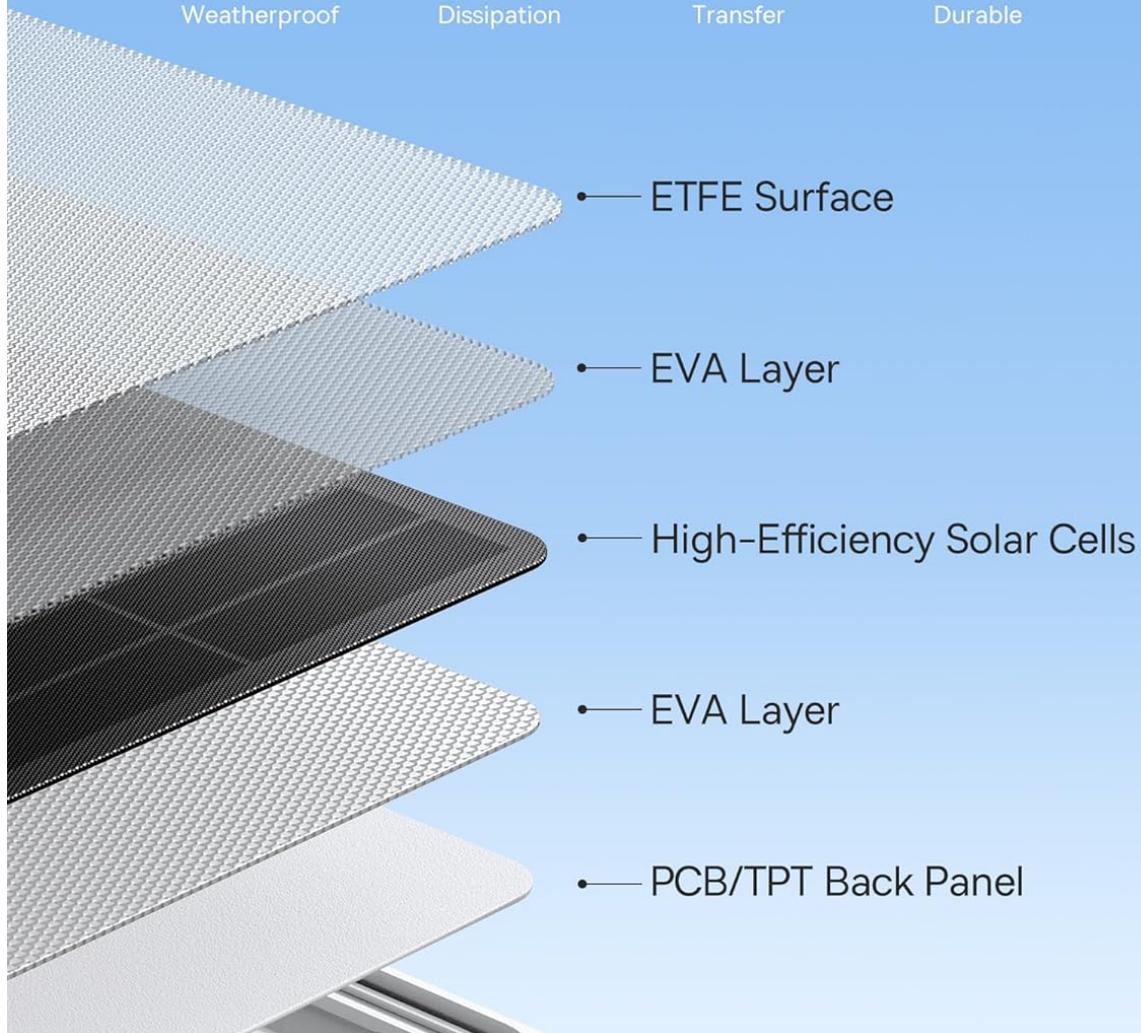


Image: The 5-layer structure of the solar panel, including ETFE surface, EVA layers, high-efficiency solar cells, and PCB/TPT back panel, designed for enhanced durability and power absorption.

All-Weather Durability

No Curling. No Peeling. No Yellowing.



Image: Visual comparison demonstrating the Baseus solar panel's resistance to peeling, curling, and yellowing, highlighting its all-weather durability.

4. SETUP AND INSTALLATION

Follow these steps to properly install your Baseus A1 Solar Panel:

1. **Choose a Location:** Select an outdoor location that receives direct sunlight for most of the day. Avoid areas shaded by trees, buildings, or other obstructions.
2. **Mount the Bracket:** Use the provided screws to securely attach the mounting bracket to a wall or other stable surface. Ensure the bracket is firmly fixed.
3. **Attach the Solar Panel:** Connect the solar panel to the mounting bracket.
4. **Adjust the Angle:** Utilize the 360° rotation and 90° tilt features of the mount to position the solar panel

for maximum sun exposure. Aim the panel directly towards the sun's path.

5. **Connect to Camera:** Plug the integrated USB-C cable from the solar panel into the charging port of your compatible Baseus security camera.



Image: Illustration of the adjustable mounting bracket, demonstrating 360° rotation and 55° tilt capabilities for optimal solar panel positioning.

Plug & Play. No Delay.

13ft USB-C cable ensures effortless setup



Image: Examples of the solar panel and camera setup, showing the 13ft USB-C cable connecting the panel to the camera for effortless installation.

5. OPERATING INSTRUCTIONS

Once installed and connected, the Baseus A1 Solar Panel will automatically begin charging your security camera's battery when exposed to sufficient sunlight. The panel is designed to provide continuous power, ensuring 24/7 protection without manual intervention.

- **Automatic Charging:** The solar panel charges the camera's battery whenever sunlight is available.
- **Continuous Power:** Even with minimal sunlight (e.g., 30 minutes of direct sun), the panel can provide enough power to keep the camera operational throughout the day.
- **Compatibility:** This solar panel is specifically designed to work seamlessly with Baseus security

cameras, including models N1, B1, S1, S1 Pro, and S1 Lite.

30 Mins Sun, All-Day Power

3W solar charge for 7/24 green energy



Image: A Baseus solar panel mounted on a wall, connected to a security camera, illustrating how sunlight provides continuous power.

Fits Multiple Baseus Cameras



Image: The Baseus solar panel shown alongside various compatible Baseus security camera models, including N1, N1 Plus, B1, S1 Pro, and S1.

6. MAINTENANCE

To ensure optimal performance and longevity of your Baseus A1 Solar Panel, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically wipe the surface of the solar panel with a soft, damp cloth to remove dust, dirt, and debris. A clean panel ensures maximum sunlight absorption.
- **Check for Obstructions:** Ensure no new obstructions (e.g., growing foliage, new structures) are blocking sunlight from reaching the panel.
- **Inspect Connections:** Occasionally check the USB-C cable connection to the camera to ensure it is secure and free from damage.
- **Weather Resistance:** The IP67 rating ensures the panel is waterproof and dustproof. No special

protection is needed for rain or snow.

7. TROUBLESHOOTING

If your Baseus A1 Solar Panel is not performing as expected, consider the following:

- **Camera Not Charging:**
 - Ensure the solar panel is receiving direct sunlight. Adjust its angle if necessary.
 - Check the USB-C cable connection to both the solar panel and the camera. Ensure it is firmly plugged in.
 - Verify that the camera model is compatible with the Baseus A1 Solar Panel.
 - Clean the surface of the solar panel to remove any dirt or debris that might be blocking sunlight.
- **Panel Appears Damaged:** If the panel shows signs of physical damage (cracks, severe discoloration), contact Baseus customer support.
- **Intermittent Charging:** This may occur during cloudy weather or if the panel's angle is not optimized. Ensure consistent direct sunlight exposure for best results.

8. SPECIFICATIONS

Specification	Detail
Brand	Baseus
Product Model Number	S00036
Model Name	A1
Power Output	3W
Cable Length	4m (13ft) USB-C
Waterproof Rating	IP67
Operating Temperature	-20°C to 50°C (-4°F to 122°F)
Material	Monocrystalline Silicon
Product Weight	349 g (0.35 kg)
Dimensions	17.2 x 14.3 x 5.41 cm
Included Components	Solar Panel, Mounting Bracket, Screw Bag

9. SAFETY INFORMATION

The Baseus A1 Solar Panel is designed with safety in mind:

- **Overvoltage Protection:** Features built-in power management to protect connected devices from overvoltage.
- **Environmental Certification:** Baseus official certification ensures device longevity and optimal performance.
- **Sustainable Energy:** Utilizes renewable solar energy, contributing to an eco-friendly and sustainable

security solution.

Always ensure proper installation and avoid tampering with the internal components of the solar panel.

10. WARRANTY AND SUPPORT

For warranty information, technical support, or any inquiries regarding your Baseus A1 Solar Panel, please refer to the official Baseus website or contact Baseus customer service directly. Keep your purchase receipt for warranty claims.