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## SYMIK OA5DCL

# SYMIK Intelligent Battery Charger OA5DCL

User Manual

## Introduction

This manual provides essential information for the safe and efficient operation of your SYMIK Intelligent Battery Charger OA5DCL. Please read it thoroughly before use and retain it for future reference.




Image: The SYMIK Intelligent Battery Charger OA5DCL, a compact black charging case.

## Product Overview

### Key Features

- **Triple-Slot Fast Charging:** Charges up to three batteries simultaneously with a maximum of 14W per channel, total 24W.
- **OLED Display:** A 0.96-inch screen provides real-time battery metrics including State of Charge (SOC), voltage,

health cycles, temperature, and power source capabilities.

- **Intelligent Battery Detection:** Automatically identifies DJI Osmo 360 / Action 6 / 5 Pro (1950mAh, 4.45V) and Osmo Action 4 / 3 (1770mAh, 4.40V) batteries, as well as compatible aftermarket batteries, applying correct charging profiles.
- **Adjustable Charging Settings:** Allows adjustment of charging power from 6W to 14W per channel and charging stop levels from 20% to 100%.
- **High Accuracy Charging:** Equipped with Texas Instruments chips for ±8mV charging voltage accuracy, minimizing over/undercharging risks.
- **Safety Protections:** Includes over-current, over-voltage, over-power, short-circuit, over-charge, and over-temperature protections.
- **Magnetic Snap Cover:** Secures batteries and two microSD cards safely within the case.

## Package Contents

- SYMIK OA5DCL OLED Charger Case x 1
- User Manual x 1

## Setup

1. **Connect Power:** Connect a USB-C power adapter (not included) to the charger's USB-C input port. Ensure the power adapter supports PD fast charging for optimal performance (up to 24W).
2. **Insert Batteries:** Open the magnetic snap cover. Insert up to three compatible DJI Osmo Action batteries into the charging slots. The charger will automatically detect the battery type and display its status on the OLED screen.
3. **Optional: Store MicroSD Cards:** Two dedicated slots are available for storing microSD cards securely.




Image: The SYMIK charger with three batteries inserted into its slots, ready for charging.




Image: The SYMIK charger displaying batteries and two microSD cards stored in their dedicated slots.

## Operating Instructions

### OLED Display Information

The 0.96-inch OLED screen provides detailed real-time information for each battery:

- **Battery Charge Level (SOC):** Percentage of charge.

- **Charge Power:** Current charging wattage.
- **Battery Voltage:** Current battery voltage.
- **Battery Current:** Current flowing into the battery.
- **Battery Temperature:** Temperature in Celsius and Fahrenheit.
- **Health Cycles:** Number of charge cycles.
- **Power Source Capabilities:** Available power from the connected adapter.




Image: A detailed view of the OLED screen displaying various battery metrics such as charge level, power, voltage, current, and temperature.

## Charging Process

Once batteries are inserted and power is connected, charging begins automatically. The OLED screen will update with charging progress.

- **Fast Charging Speed:** For Osmo 360 / Action 6 / 5 Pro (1950mAh) batteries, 0% to 80% takes approximately 45 minutes, and 0% to 100% takes about 70 minutes (at 10W per channel). For Osmo Action 4 / 3 (1770mAh) batteries, 0% to 80% takes approximately 40 minutes, and 0% to 100% takes about 65 minutes (at 10W per channel).
- **Note:** The third battery may charge slightly slower if all three slots are occupied.

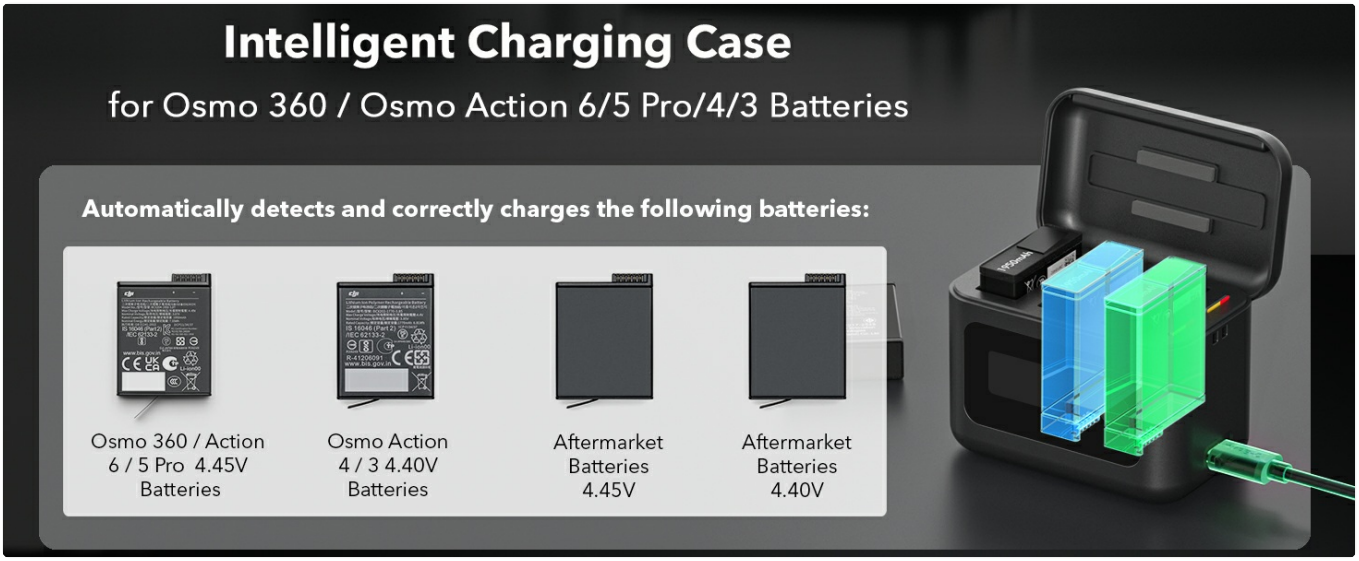


Image: Infographic illustrating the fast charging speeds for Osmo 360/Action 6/5 Pro and Osmo Action 4/3 batteries.

## Adjustable Settings

The charger allows customization of charging parameters:

- **Adjustable Charging Power:** You can adjust the single-channel charging power from 6W to 14W. This allows for faster charging or slower charging to potentially extend battery longevity. Refer to the user manual for specific button press sequences to adjust this setting.
- **Adjustable Charging Stop Level:** The termination charge level (State of Charge) can be set from 20% to 100% in 5% increments. This feature provides flexibility for battery management, allowing you to stop charging before 100% if desired. Refer to the user manual for specific button press sequences to adjust this setting.




Image: A visual representation of the adjustable charging power, ranging from 6W to 14W.




Image: An illustration showing the adjustable charging stop level, from 20% to 100%.

## Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the charger's exterior. Do not use liquid cleaners or solvents.
- **Storage:** Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Avoid Moisture:** Do not expose the charger to water or high humidity.
- **Handle with Care:** Avoid dropping or subjecting the charger to strong impacts.

## Troubleshooting

| Problem | Possible Cause | Solution |
|---|---|---|
| Charger not powering on / OLED screen is blank. | No power connection or insufficient power. | Ensure the USB-C cable is securely connected to both the charger and a functional power adapter. Verify the power adapter is supplying sufficient power (e.g., 5V 3A or 9V 2.7A). |
| Batteries not charging. | Battery not inserted correctly, battery fault, or charger fault. | Re-insert batteries firmly. Check the OLED display for error messages. Try charging a different battery. Ensure the charger is receiving adequate power. |
| Charging is slow. | Low power input, high ambient temperature, or charging power setting is low. | Use a power adapter that supports 24W PD output. Ensure the charger is in a well-ventilated area. Check and adjust the charging power setting on the charger if it's set to a lower wattage. |
| Charger beeps unexpectedly. | Firmware behavior (as noted in reviews). | Some users report that the audio beep setting may reset to 'on' after disconnecting and reconnecting power. Re-adjust the beep setting via the charger's interface if available. |
| OLED display shows incorrect battery information. | Battery not fully seated or temporary communication error. | Remove and re-insert the battery. If the issue persists, try another battery to determine if the problem is with the battery or the charger. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | OA5DCL |
| Brand | SYMIK |
| Input Voltage | 5V 3A; 9V 2.7A (24W Max) |
| Output Voltage | 5 Volts (DC) |
| Charge Power (Per Channel) | Up to 14W adjustable |
| Operating Temperature | 32° to 104°F (0° to 40°C) |
| Product Dimensions (L x W x H) | 2.99 x 1.89 x 2.36 inches (76 x 48 x 60 mm) |
| Item Weight | 0.317 ounces (approx. 9 grams) |
| Compatible Batteries | DJI Osmo 360 / Action 6 / 5 Pro (1950mAh, 4.45V), DJI Osmo Action 4 / 3 (1770mAh, 4.40V), and compatible aftermarket batteries. |




Image: Diagram showing the dimensions of the SYMIK Intelligent Battery Charger.

## Warranty and Support

### Return Policy

This product is subject to a 30-day return policy for refund or replacement. Please refer to your purchase platform's specific return guidelines for detailed information.

## Manufacturer Support

For further assistance, technical support, or warranty inquiries, please contact SYMIK directly through their official channels. You can often find support information on the SYMIK store page or through the retailer where the product was purchased.
SYMIK Store Link: Visit the SYMIK Store on Amazon

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