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Mcdodo CA-3901

Mcdodo Smart LED Auto Disconnect Cable User Manual

Model: CA-3901 | Brand: Mcdodo

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your Mcdodo Smart LED Auto Disconnect Nylon Braided Sync Charge USB Data Cable. This innovative cable is designed to protect your device's battery by automatically disconnecting power once charging is complete, extending battery lifespan. It also features fast charging capabilities and a durable braided design.



Figure 1.1: Mcdodo Smart LED Auto Disconnect Cable, showcasing the Lightning connector and USB-A connector.

2. PRODUCT FEATURES

- **Smart Auto Disconnect:** Automatically cuts off power when your device is fully charged to prevent overcharging and prolong battery life.
- **LED Charging Indicator:** A built-in LED light provides visual feedback on the charging status.
- **Fast Charging (2.4A):** Supports rapid charging for compatible devices.
- **Durable Construction:** Features a nylon-braided cord and aluminum casing for enhanced durability and a long lifespan (5000+ bend lifespan).
- **Optimal Length:** 6FT (1.8M) length provides convenience for various charging scenarios.
- **Wide Compatibility:** Compatible with various iPhone and iPad models (e.g., iPhone 14/13/12/11 Pro Max/X/8plus/8,

7/7 Plus, 6/6 Plus, 6s/6s Plus, 5s/5c/5, iPad Pro/Air 2, iPad mini 4/3/2, iPod Touch 5th gen / iPod nano 7th).

New generation Smart charging cable

Faster and safer



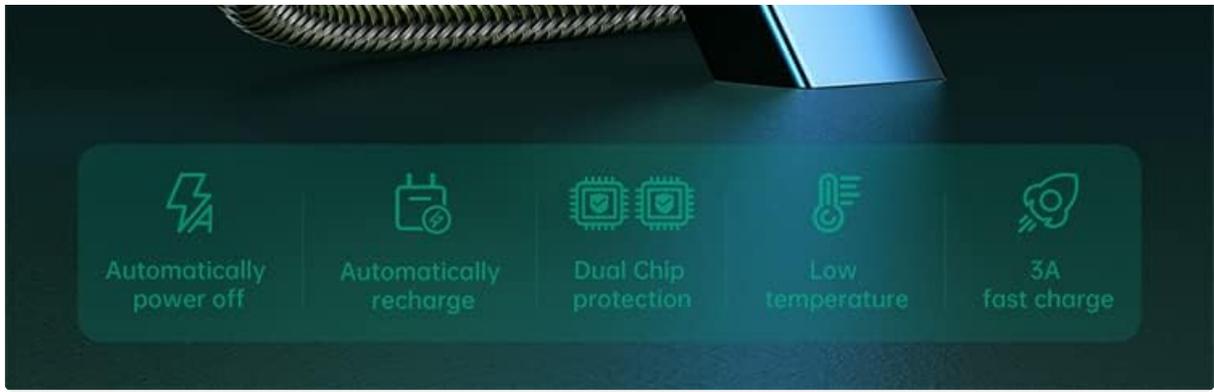


Figure 2.1: Overview of the Mcdodo Smart Charging Cable highlighting its advanced features for faster and safer charging.

3. SETUP AND CONNECTION

Using your Mcdodo Smart LED Auto Disconnect Cable is straightforward. Follow these steps for proper connection:

1. **Connect to Power Source:** Insert the USB-A end of the Mcdodo cable into a compatible USB wall adapter, power bank, or computer USB port.
2. **Connect to Device:** Insert the Lightning connector end of the Mcdodo cable into the charging port of your iPhone, iPad, or iPod.
3. **Observe LED Indicator:** The built-in LED light on the Lightning connector will illuminate, indicating the charging status.

Thick gold-plated connector

15000⁺
Plug test



Figure 3.1: Close-up of the thick gold-plated connector, designed for durability and reliable connection.

4. OPERATING INSTRUCTIONS

The Mcdodo Smart LED Auto Disconnect Cable is designed for intelligent charging. Understand its operational states:

- **Fast Charging (LED Flashing Green):** When your device's battery is low, the cable will initiate fast charging. The LED indicator will flash green during this phase.
- **Trickle Charging (LED Solid Green):** As your device approaches full charge, the cable will switch to trickle charging to protect the battery. The LED indicator will remain solid green.
- **Fully Charged (LED Off):** Once your device reaches 100% charge, the smart chip inside the cable will automatically cut off the power supply. The LED indicator will turn off, signifying that charging has stopped and your device is protected from overcharging.

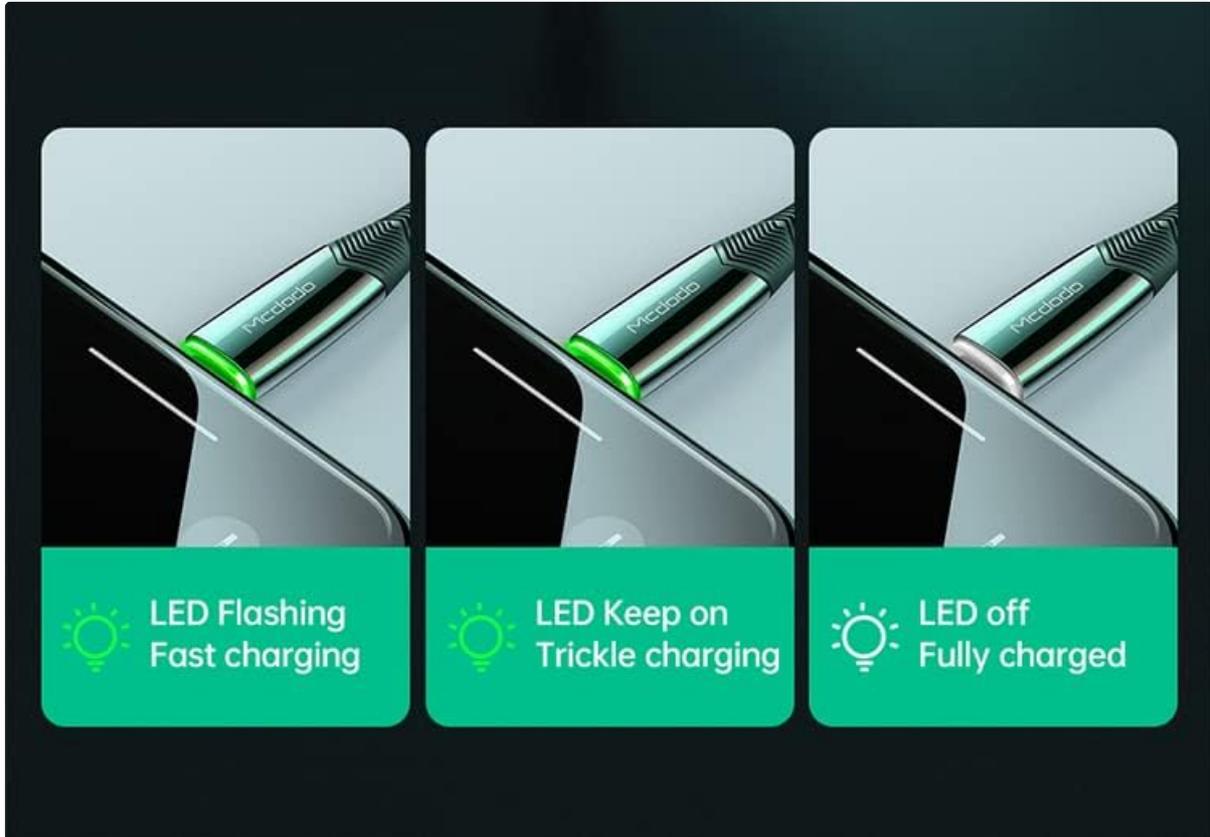


Figure 4.1: Visual representation of the LED indicator states: Flashing for fast charging, solid for trickle charging, and off for fully charged with auto-disconnect.

This auto-disconnect feature is crucial for extending the overall lifespan of your device's battery by preventing prolonged periods of 100% charge, which can degrade battery health over time.

**Automatically power off
Avoid overcharging
to damage your phone**



Protect the phone from the inside out

and extend battery life.

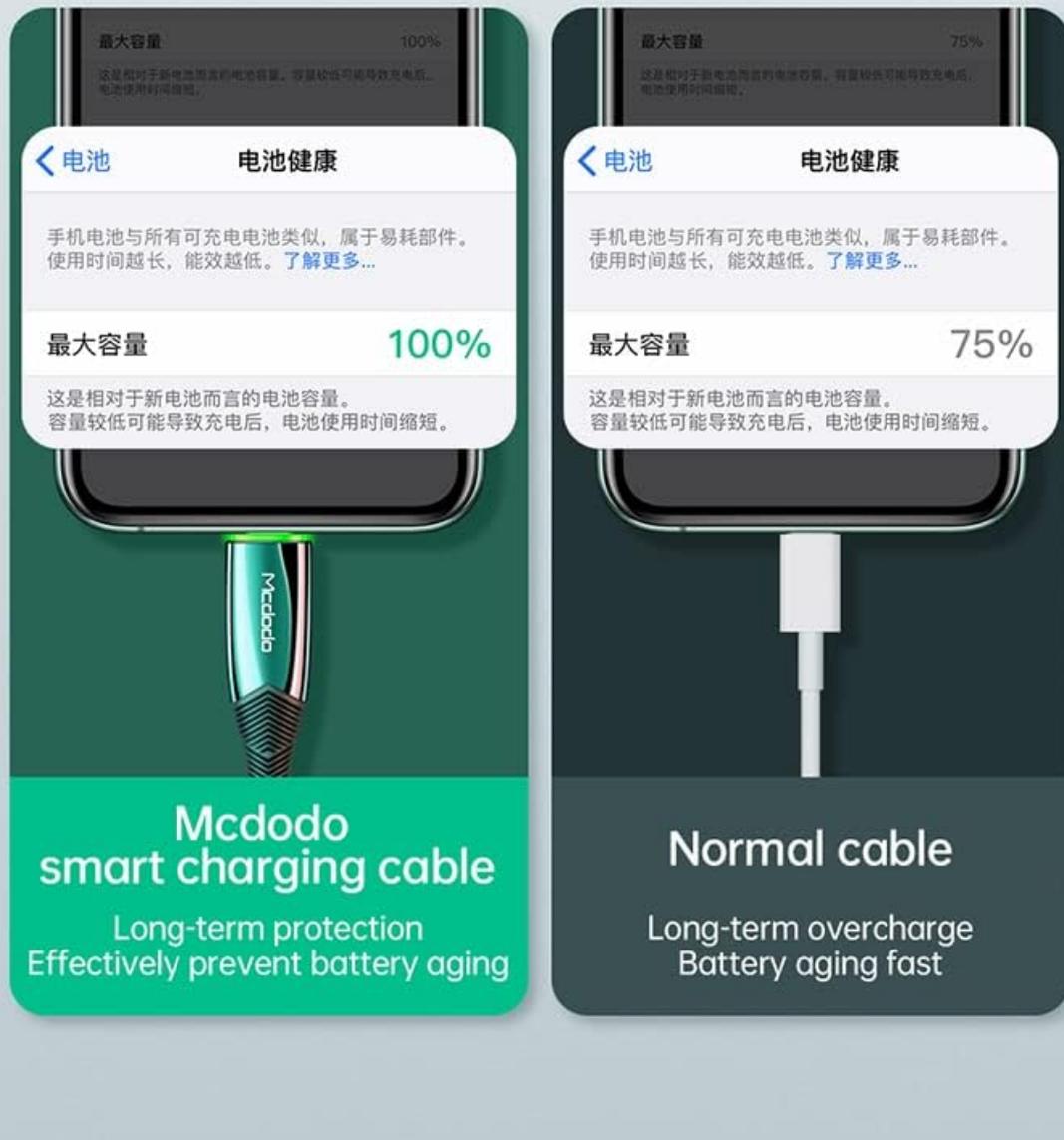


Figure 4.2: Illustration demonstrating how the Mcdodo smart charging cable automatically powers off to prevent overcharging, protecting the phone's battery from damage compared to normal cables.

5. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your Mcdodo cable, follow these maintenance guidelines:

- **Storage:** Store the cable in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Use a soft, dry cloth to clean the cable and connectors. Do not use liquid cleaners or abrasive materials.
- **Handling:** Avoid bending the cable sharply, especially near the connectors, to prevent internal wire damage. Always

pull from the connector head, not the cable itself, when unplugging.

- **Protection:** Keep the cable away from pets and young children to prevent chewing or damage.

6. TROUBLESHOOTING

If you encounter issues with your Mcdodo Smart LED Auto Disconnect Cable, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Cable not charging device.	Loose connection, faulty power source, dirty connectors, device issue.	Ensure both ends of the cable are securely plugged in. Try a different USB port or wall adapter. Clean connectors gently with a dry cotton swab. Test with another device if possible.
LED indicator not lighting up.	No power, cable malfunction, device not drawing power.	Verify power source is active. Check if the cable is properly connected to both power and device. If the device is fully charged, the LED will be off.
Charging is slow.	Low power output from source, device drawing less current, cable damage.	Use a power adapter with sufficient output (e.g., 2.4A or higher). Ensure the device is not running power-intensive applications. Inspect cable for visible damage.
Auto-disconnect not working.	Device software interference, cable malfunction.	Ensure your device's software is up to date. Disconnect and reconnect the cable. If the issue persists, the cable may be faulty.

Charging faster But is it safe for your battery?

Beware of inferior fast charging
cables damaging your battery



Long-term overcharge
battery deformation



Battery drains fast



Continue to overcharge
Phone get hot

Figure 6.1: Illustration showing potential battery damage from long-term overcharge, battery drain, and overheating with inferior cables, emphasizing the Mcdodo cable's safety features.

7. SPECIFICATIONS

Feature	Detail
Brand	Mcdodo
Model Number	CA-3901

Feature	Detail
Connector Type	USB-A to Lightning
Cable Type	USB Data and Charge Cable
Length	6FT (1.8M)
Current Output	Up to 2.4A Fast Charge
Data Transfer Rate	5 Gigabits Per Second
Material	Nylon-braided cord, Aluminum casing, Gold-plated connectors
Special Features	Smart Auto Disconnect, LED Charging Indicator, Fast Charging
Compatible Devices	iPhone 14/13/12/11 Pro Max/X/8plus/8, 7/7 Plus, 6/6 Plus, 6s/6s Plus, 5s/5c/5, iPad Pro/Air 2, iPad mini 4/3/2, iPod Touch 5th gen / iPod nano 7th
Item Weight	0.96 ounces (approx. 27 grams)
UPC	095056051960, 743841168675

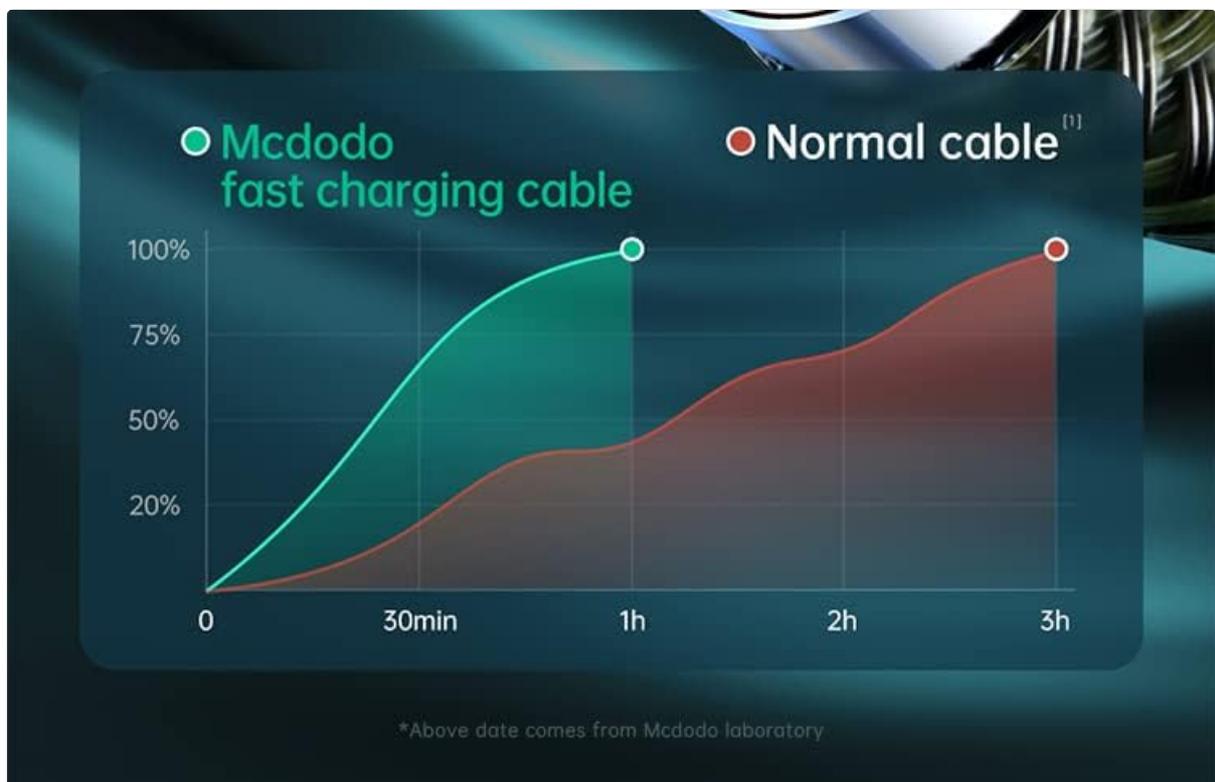


Figure 7.1: Graph illustrating the faster charging speed of the Mcdodo cable compared to a normal cable, based on laboratory data.

8. WARRANTY AND SUPPORT

Mcdodo products are manufactured with high-quality standards. For any product-related inquiries, technical support, or warranty claims, please contact Mcdodo customer service through their official website or the retailer from whom you purchased the product.

Please retain your proof of purchase for warranty purposes.

For more information, visit the official Mcdodo store: [Mcdodo Store on Amazon](#)