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Anker A121D

Anker Nano Charger (45W, Display, Swing Plug) User Manual

Model: A121D

1. Introduction

The Anker Nano Charger (45W, Display, Swing Plug) is a compact and powerful USB-C charger designed for rapid charging of various devices, including iPhones, iPads, Galaxy phones, and MacBook Air. It features a unique display for real-time charging status and a convenient 180-degree swing plug for enhanced portability and usability.



The Anker Nano Charger features a display for real-time charging information.

2. Setup

1. **Unpack the Charger:** Remove the Anker Nano Charger from its packaging.
2. **Connect to Power Outlet:** Extend the swing plug and insert the charger into a standard AC power outlet. The 180-degree adjustable swing plug allows for flexible positioning to avoid blocking other outlets.



The foldable swing plug offers convenience and portability.

3. **Connect Your Device:** Use a compatible USB-C to USB-C or USB-C to Lightning cable (not included) to connect your device to the charger's USB-C port.

3. Operating Instructions

The Anker Nano Charger features an interactive display and intelligent charging modes.

Display Interaction

- **Single Tap:** Tap the touch button on the side of the charger once to activate the display or switch between different screen designs.
- **Double Tap:** Double-tap the touch button to select between Fast Charging mode and Protection Charging mode.

- **Long Press (2 seconds):** Press and hold the touch button for 2 seconds to rotate the screen orientation.



Control the display and charging modes with simple touch gestures.

Charging Modes

- **Fast Charging Mode:** Provides up to 45W output for rapid charging. For example, it can charge an iPhone up to 50% in approximately 20 minutes. The charger automatically adjusts output based on the device's battery level to optimize charging speed while protecting the device.



Experience rapid charging with up to 45W output.

- **Protection Charging Mode:** Ideal for long-term charging, such as overnight. This mode prevents excessive temperature rise in both the charger and the connected device, thereby extending the battery lifespan of your device.



Protection Charging mode helps preserve battery health during extended charging.

4. Display Features

The integrated display provides comprehensive real-time information and customization options:

- **Real-time Monitoring:** View current charging output (W), selected charging mode, and the charger's internal temperature.
- **iPhone Model Detection:** For compatible iPhone models (excluding iPhone 17e, supporting iPhone 17/16/15 series), the charger can detect the model and display it, along with the optimal charging output.
- **Diverse Screen Designs:** Choose from over 20 unique screen designs to personalize your charging experience.



Customize your charging experience with over 20 screen designs.

5. Compatibility

The Anker Nano Charger is compatible with a wide range of devices. Please refer to the following for specific compatibility details:

Model Detection Feature Compatibility:

- **Apple Products:** iPhone 17/16/15 series (excluding iPhone 17e), iPad Pro 11-inch (2020-2024 models), iPad Pro 12.9-inch (2020-2022 models), iPad Pro 13-inch (2024 model).

Fast Charging Compatibility (without model detection):

- **Apple Products:** iPhone SE (3rd generation), iPad mini 6, iPad 9, AirPods Pro (2nd/1st generation), AirPods Max, Apple Watch Series 7-10 / SE / Ultra.
- **Samsung Products (Super Fast Charging compatible):** Galaxy S23+, S23 Ultra, S24, S24+, S24 Ultra, Z Fold 4/5/6, Z Flip 4/5/6.

Charging Only:

- **Samsung Products:** Galaxy S21+, S21 Ultra, S22+, S22 Ultra, S23+, S23 Ultra, S24+, S24 Ultra.



Refer to this chart for detailed device compatibility.

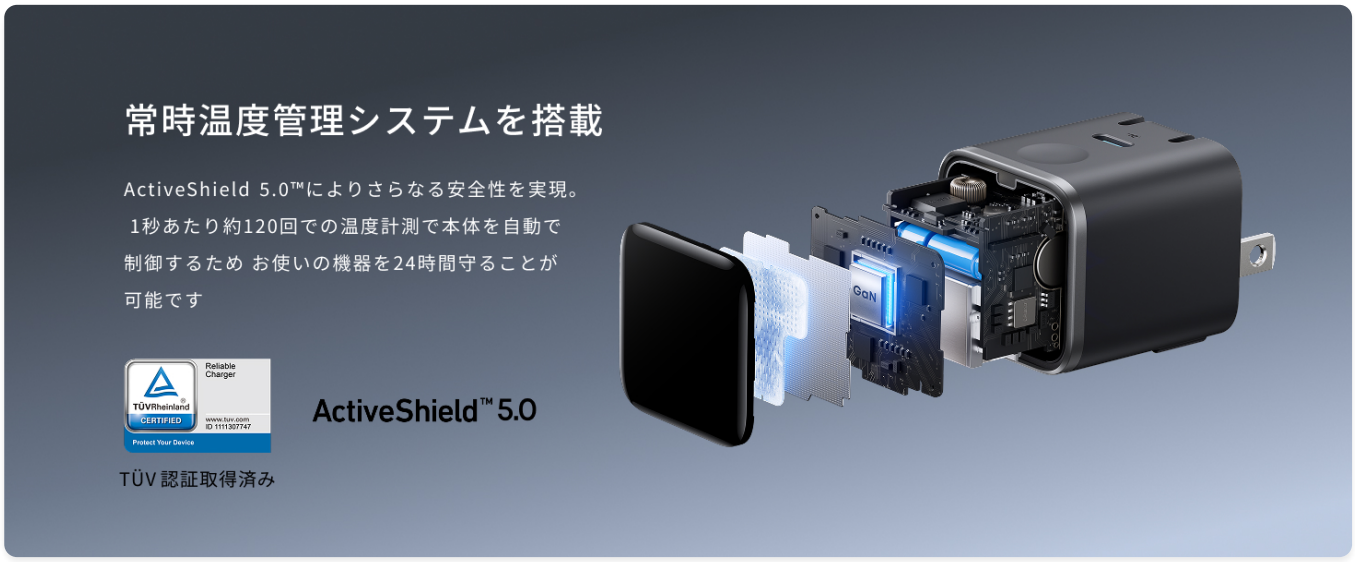
Note 1: This product supports up to 3A for PPS fast charging. For devices requiring 5A PPS, fast charging will be limited to 3A output.
Note 2: The maximum output from this product may vary depending on the maximum input value accepted by the charging device.

6. Safety and Care

The Anker Nano Charger is designed with multiple safety features to ensure reliable operation and protect your devices.

Safety Features:

- **TÜV Certification:** The charger is TÜV certified, ensuring it meets international safety standards. It reduces the internal temperature of the charging smartphone compared to other 45W chargers by up to 5°C, preventing heat damage and extending battery life.



TÜV certification ensures high safety standards.

- **ActiveShield™ 5.0:** Equipped with a constant temperature management system, ActiveShield™ 5.0 measures the internal temperature approximately 120 times per second, automatically controlling the unit to protect your device 24 hours a day.



ActiveShield™ 5.0 provides advanced temperature monitoring for enhanced safety.

General Care:

- Keep the charger dry and away from moisture.
- Clean the charger with a soft, dry cloth. Do not use harsh chemicals or abrasive materials.
- Avoid dropping or subjecting the charger to strong impacts.
- Store in a cool, dry place when not in use.

7. Specifications

Feature	Description

Brand	Anker
Model Number	A121D
Color	White
Input Voltage	110 Volts
Output Current	3 Amperes
Output Voltage	5 Volts
Max Output Power	45W
Plug Type	Foldable Swing Plug (180-degree adjustable)
Display	Yes, with real-time charging status and customizable designs
Safety Features	TÜV Certified, ActiveShield™ 5.0 Temperature Management
Country of Origin	China
GTIN/UPC	194644309039

8. Troubleshooting

- **Charger Not Working:**
  - Ensure the charger is securely plugged into a working power outlet.
  - Try a different power outlet.
  - Check if the charging cable is properly connected to both the charger and your device.
  - Try using a different charging cable to rule out cable issues.
- **Device Not Charging or Charging Slowly:**
  - Verify that your device is compatible with the charger's output.
  - Ensure you are using a high-quality USB-C cable that supports fast charging.
  - Check the charger's display to confirm it is in Fast Charging mode if desired.
  - If charging multiple devices simultaneously (not applicable for this single-port charger, but a general troubleshooting tip), ensure the total power draw does not exceed the charger's maximum output.
  - High device temperature can slow down charging. Allow your device to cool down.
- **Display Not Showing Information:**
  - Tap the touch button on the side of the charger once to activate the display. The display automatically turns off after a period of inactivity.
  - Ensure the charger is receiving power and a device is connected and drawing power.

9. Warranty and Support

Anker provides comprehensive after-sales support for your product.

- **Warranty Period:** Your Anker Nano Charger comes with an 18-month product warranty. By registering as an Anker member, your warranty will be automatically extended by an additional 6 months, totaling 24 months.
- **Customer Service:** For any questions regarding the product or delivery, please contact Anker customer service. We offer appropriate support and solutions for any issues that may arise.

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