

Nintendo Switch 2 AC Adapter (Model NGN-01)

User Manual

Product Overview

This AC adapter provides safe and efficient power charging for the Nintendo Switch 2 console and its accessories. It supports USB PD 3.0 fast charging protocol and is suitable for handheld mode, docked TV mode, and all official peripheral charging.

Technical Specifications

- Model: NGN-01
- Input: AC 100–240V~ 50/60Hz 1.6A (universal voltage for worldwide use)
- Output:
 - DC 5.0V/3.0A (15W)
 - 9.0V/3.0A (27W)
 - 15.0V/3.0A (45W)
 - 20.0V/3.0A (60W)
- Dimensions: Approx. 49.5mm × 38.5mm × 45mm (excluding plug)
- Cable: 1.5m detachable USB-C to USB-C cable, supports 3A high current
- Certifications: Compliant with 3C, CE, UKCA and other safety standards

Charging Instructions

1. Direct Charging for Console

Connect the USB-C cable to the adapter and the USB-C port on the console. Plug the adapter into a power outlet. Recommended for handheld mode.

2. Charging Through the Dock

Open the back cover of the Nintendo Switch 2 dock. Connect the adapter to the “AC ADAPTER” port and close the cover. Insert the console into the dock to charge while using TV mode.

3. Checking Charging Status

The battery icon in the upper-right corner of the HOME menu shows the charging status. Tap the icon to view the remaining battery percentage. The system automatically stops charging when full to prevent overcharging.

Charging Time

Approximately 3 hours to fully charge the console in sleep mode. For better efficiency, keep the console in sleep mode during charging.

Compatibility Information

- Compatible with: Nintendo Switch 2 console, dock, Joy-Con 2, Pro Controller and other official accessories
- Original Switch adapter (HAC-002): Only supports handheld charging; does NOT support TV mode
- Third-party adapters: Must support PD 3.0, with a minimum output of 54W and 20V voltage level. 65W or higher is recommended for stable performance.

Safety and Maintenance

Safety Precautions

- Operating environment temperature: 5–35°C. Avoid high temperature, humidity, direct sunlight and liquid contact.
- For indoor use only. Do not use with uncertified power strips or voltage converters.
- Unplug the adapter during thunderstorms.
- Do not pull or bend the cable excessively. Do not operate with wet hands.
- If foreign objects enter the interface, disconnect power immediately and contact customer service.

Maintenance Guidelines

- If not used for a long time, charge at least once every six months to avoid battery damage due to over-discharge.
- Stop use immediately if abnormal heat, odor or charging failure occurs.
- Do not disassemble the adapter or console by yourself. Contact official service for battery replacement.

Troubleshooting

1. Unable to charge:
 - Hold the POWER button for 12 seconds to force shutdown and restart.
 - Unplug the adapter and cable, wait 20 seconds, then reconnect.
 - Plug directly into a wall outlet instead of a power strip.
2. TV mode not powered:
 - Make sure to use the NGN-01 60W adapter. The original HAC-002 adapter does not support TV mode.
3. Inaccurate battery display:
 - Update the console to the latest system version.
 - Turn off the console, hold VOL +, VOL – and POWER to enter recovery mode and reset the battery indicator.

Battery Care Tips

Enable the “Stop charging at around 80–90%” function to extend battery life.

Path: HOME menu → System Settings → Console

(注：文档部分内容可能由 AI 生成)