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› HKY 12V AC/DC Adapter Instruction Manual

HKY Q36CU-120003000



HKY 12V AC/DC Adapter Instruction Manual

Model: Q36CU-120003000

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your HKY 12V AC/DC Adapter. This power supply is designed to provide stable and reliable power to compatible electronic devices, primarily laptops and other portable electronics requiring a 12V input. It features advanced safety protections and is built with durable components for long-term performance.



Image 1: HKY 12V AC/DC Adapter with cable and right-angle connector.

2. SAFETY INFORMATION

The HKY 12V AC/DC Adapter incorporates multiple safety features to ensure reliable and secure operation. Adherence to these guidelines is crucial for preventing damage to the adapter, your device, and ensuring user safety.

- **Overheating Protection with Smart Chip:** Prevents the adapter from reaching excessive temperatures during operation.
- **Overload Protection (OCP):** Protects against damage from excessive current draw.
- **Over Voltage Protection (OVP):** Safeguards connected devices from voltage spikes.
- **Short Circuit Protection (SCP):** Automatically shuts down power in case of a short circuit.

- **Anti-Interference Feature:** Designed with isolation materials to minimize electromagnetic interference.

BUILT SAFETY PROTECTIONS

Designed with Safety in mind

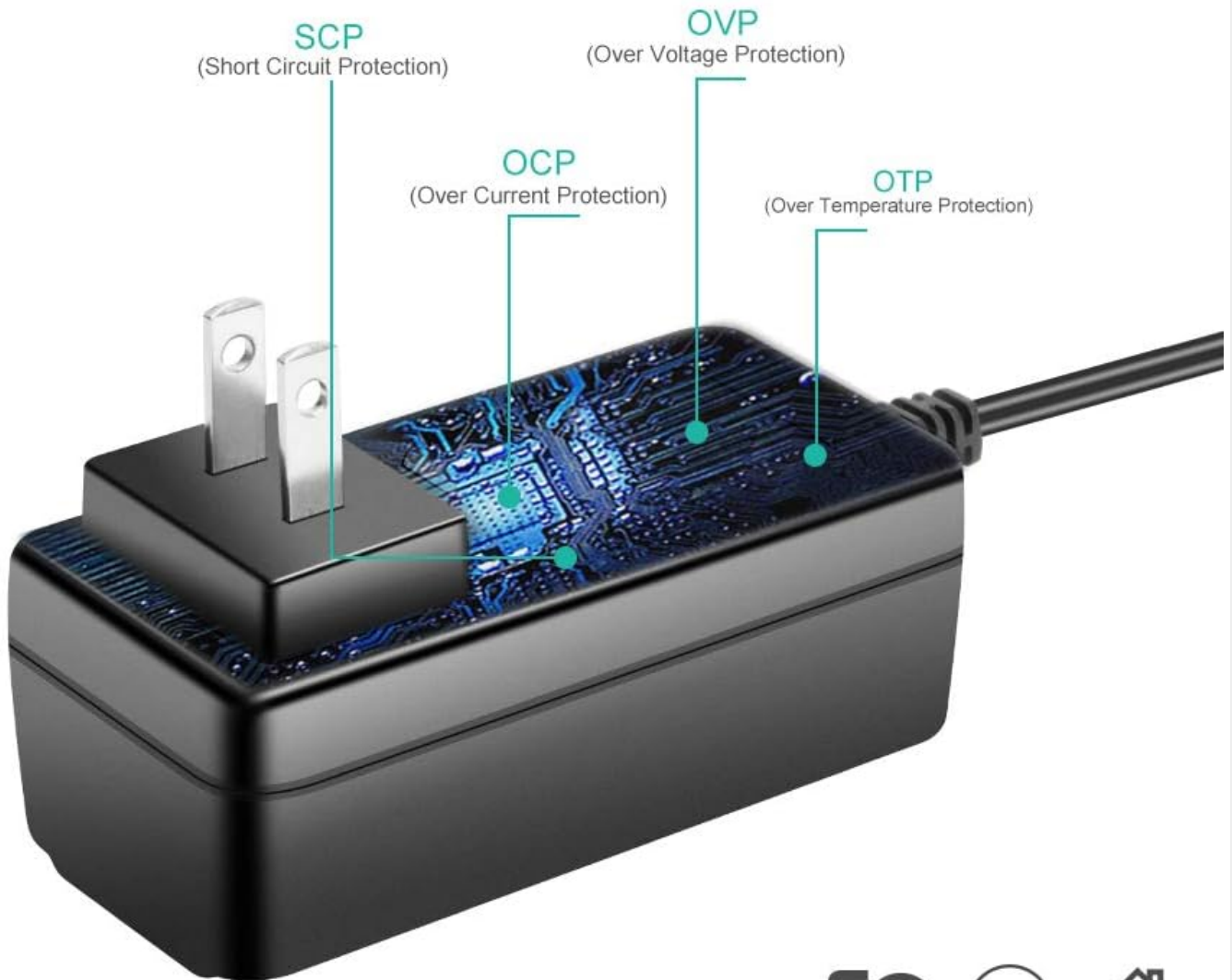


Image 2: Diagram showing the built-in safety protections of the adapter, including Short Circuit Protection (SCP), Over Current Protection (OCP), Over Voltage Protection (OVP), and Over Temperature Protection (OTP).

General Safety Precautions:

- Do not expose the adapter to water, moisture, or extreme temperatures.
- Avoid dropping or subjecting the adapter to severe impacts.
- Ensure the adapter is used in a well-ventilated area to prevent heat buildup.
- Do not attempt to disassemble or repair the adapter. Refer to qualified personnel for service.
- Always disconnect the adapter from the power outlet before cleaning or if it will be unused for an extended period.

3. SPECIFICATIONS

The following table details the technical specifications of the HKY 12V AC/DC Adapter:

Feature	Detail
Input Voltage	100-240V AC, 50-60Hz (Worldwide Use)
Output Voltage	12V DC
Output Current	2A / 3A (24W Max)
Connector Type	Proprietary (as pictured)
Cable Length	Extra long AC/DC cord
Dimensions	4.49 x 3.31 x 2.4 inches (Package)
Item Weight	6.7 ounces
Color	Black
Certifications	CE, FCC, RoHS, UL (USA), Level VI Energy Efficiency

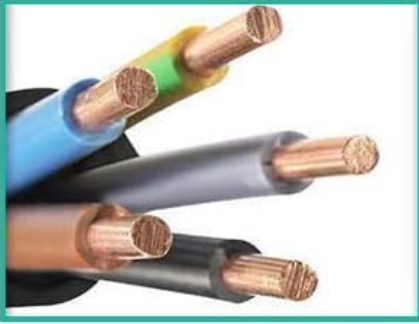
Note: This adapter is specifically for 12V versions of compatible devices. It is NOT compatible with 19V or 5V versions. Please verify your device's voltage requirements before use.

4. PRODUCT FEATURES

The HKY AC/DC Adapter is engineered with several features to enhance its performance, durability, and user convenience:

- **Pure Copper Cable:** Provides antioxidant and corrosion resistance, energy-saving transmission, and a long service life.
- **Magic Tape Strap:** Included for easy bundling of the power cord, facilitating portability and neat storage.
- **Anti-Interference Magnetic Ring:** Ensures stable power delivery by reducing electromagnetic interference, adhering to international standards.
- **Bending Test Durability:** The cable has undergone rigorous bending tests to ensure extended service life and resistance to wear.

Advanced Component



Pure copper cable

Antioxidant and corrosion
Energy-saving transmission
Long service life

Magic Tape Strap

Easily bundle Power cord
Easily carry for travel and work



Anti-interference Magnetic Ring

International standards
Compatibility materials
Safe and durable

Bending test

Wire through the bending
test, longer service life

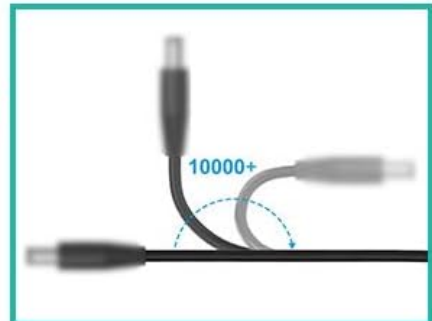


Image 3: Illustration of the adapter's advanced components, including the pure copper cable, magic tape strap for cable management, anti-interference magnetic ring, and the results of a bending test demonstrating cable durability.

5. COMPATIBILITY

This HKY 12V AC/DC Adapter is designed for broad compatibility with various 12V devices. Below is a list of tested and validated compatible models. Please ensure your device requires a 12V input before connecting.

Gateway Laptops:

- Gateway Ultra Slim GWTN141, GWTN141-5, GWTN141-1 series (GWTN141-1BK, GWTN141-1BL, GWTN141-1GR, GWTN141-1PR, GWTN141-5BK, GWTN141-5BL, GWTN141-5GR, GWTN141-5PR)
- Gateway GWTN116-1, GWTN116-3 series (GWTN116-1BK, GWTN116-1BL, GWTN116-1GR, GWTN116-1PR, GWTN116-3BK, GWTN116-3RD)
- Gateway GWTC116-1, GWTC116-2 series (GWTC116-1BK, GWTC116-1BL, GWTC116-1GR, GWTC116-1PR, GWTC116-2Y, GWTC116-2PR, GWTC116-2BK, GWTC116-2BL, GWTC116-2GR)

- Gateway GWTN156-11 series (GWTN156-11BK, GWTN156-11W)
- Gateway GWNC21524 series (GWNC21524-BL, GWNC21524-GR, GWNC21524RD)
- Gateway GWTN133-1 series (GWTN133-1BK, GWTN133-1BL)
- Compatible with P/N: N14DP1, N11SP3, saw30-120-2000u

EVOO Laptops:

- EVOO Ultra Thin Notebook EV-C-116-5, EV-C-116-6, TEV-C-116-1, EV-C-116-7 series
- Compatible with P/N: WAC024WVZ12V

Other Compatible Devices:

- NIAKUN VenBook 15.6" Laptop Computer (N4000 Processor)
- NIAKUN NIABook NY-03 16 Inch Laptop Computer Gaming Laptop
- Naclud-S15 15.6 Inch Laptops, Windows 11 Laptop
- Naclud S18 18.5 Inch Laptops, Windows 11 Laptop
- Arcade1up Game Machine Arcade 1up ALL Riser Cocktail Table (RYJ0136PAU0, RYJ0136PAU1, RYJ0136PAU2, RYJ0136PAU3, RYJ0136PAU4, RYJ0136PAU5)
- Blton BI36-120300-U2 3A Power Supply

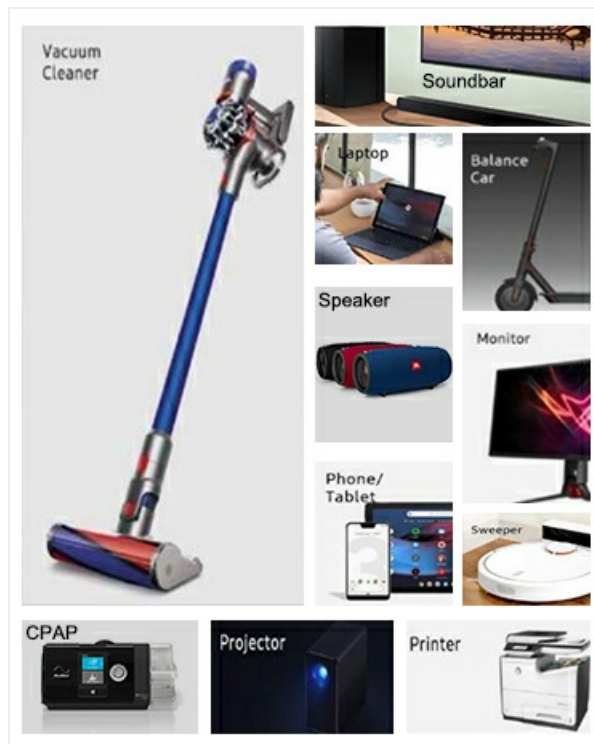


Image 4: Examples of various device types that can be powered by HKY adapters, including laptops, speakers, monitors, and other electronic equipment.

6. SETUP AND OPERATING INSTRUCTIONS

Follow these steps to set up and operate your HKY 12V AC/DC Adapter:

6.1. Setup

1. **Verify Compatibility:** Before connecting, confirm that your device requires a 12V DC input and that the adapter's connector size matches your device's power port.
2. **Connect to Device:** Insert the adapter's DC output connector firmly into the power input port of your electronic device.
3. **Connect to Power Outlet:** Plug the AC input plug of the adapter into a standard 100-240V AC wall outlet.

4. **Power On Device:** Once connected, power on your device. The adapter will automatically begin supplying power.

6.2. Operating

- The adapter is designed for continuous operation within its specified voltage and current limits.
- Ensure the adapter is not covered or placed in an enclosed space during operation to allow for proper heat dissipation.
- If the adapter feels excessively hot to the touch, disconnect it immediately and allow it to cool down. Check for proper ventilation and ensure the connected device is not drawing more power than the adapter's rated output.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your HKY AC/DC Adapter:

- **Cleaning:** Disconnect the adapter from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or abrasive materials.
- **Storage:** When not in use, store the adapter in a cool, dry place, away from direct sunlight and extreme temperatures. Use the included magic tape strap to neatly bundle the cable.
- **Cable Care:** Avoid sharp bends, kinks, or excessive pulling on the cable. Do not place heavy objects on the cable.
- **Inspection:** Periodically inspect the adapter and cable for any signs of damage, such as frayed wires, cracked casing, or bent pins. If damage is observed, discontinue use and replace the adapter.

8. TROUBLESHOOTING

If you encounter issues with your HKY 12V AC/DC Adapter, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Adapter not providing power	No power from outlet; Loose connection; Incompatible device; Adapter malfunction	Check wall outlet with another device; Ensure all connections are secure; Verify device voltage and connector type; Contact support if adapter is faulty.
Device not charging/powering on	Adapter not fully connected; Device issue; Incompatible adapter	Ensure adapter is fully plugged into device and wall; Test device with another known-good adapter (if available); Confirm adapter specifications match device requirements.
Adapter gets excessively hot	Poor ventilation; Overload; Internal fault	Ensure adapter is in an open area; Disconnect and check device power requirements; Discontinue use if overheating persists and contact support.
Sparkling when plugging in	Normal inrush current; Faulty outlet; Damaged adapter	A small spark is normal. If sparking is excessive or continuous, try a different outlet. If it persists, discontinue use of the adapter.

If the problem persists after attempting these solutions, please contact HKY customer support for further assistance.

9. WHAT'S IN THE BOX

Your HKY 12V AC/DC Adapter package includes:

- 1 x HKY AC DC Adapter

10. WARRANTY AND SUPPORT

HKY is committed to providing high-quality products and excellent customer service.

10.1. Warranty Information

This product comes with a **3-year warranty**. HKY also offers a **90-day money-back guarantee** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

10.2. Customer Support

For any quality problems, suggestions for improvement, or technical assistance, please do not hesitate to contact our customer service team. We aim to reply to all inquiries within 24 hours.

Your satisfaction is our primary motivation.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question