

HKY A100-1 TYPE-C

HKY 100W USB-C Laptop Charger and Docking Station Power Adapter

Model: A100-1 TYPE-C

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your HKY 100W USB-C Laptop Charger and Docking Station Power Adapter. Please read this manual thoroughly before operating the device and retain it for future reference.

SAFETY INFORMATION

- Do not disassemble or modify the charger. Unauthorized modifications can lead to electric shock, fire, or product damage.
- Keep the charger away from water, moisture, and extreme temperatures.
- Ensure the power outlet voltage is compatible with the charger's input specifications (AC 100-240V).
- Avoid placing heavy objects on the power cord or adapter.
- If the charger or cable is damaged, discontinue use immediately and contact customer support.
- This product is designed for indoor use only.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HKY 100W USB-C Power Adapter (Model A100-1 TYPE-C)
- 1 x USB-C to USB-C Cable (integrated with adapter)
- 1 x AC Power Cord (for wall outlet connection)
- 1 x User Guide



Image: HKY 100W USB-C Power Adapter and accompanying cables.

This image displays the main HKY 100W USB-C Power Adapter unit, the detachable AC power cord for connecting to a wall outlet, and the integrated USB-C cable that connects to your device. All components are black, with the USB-C cable featuring a braided grey and black design.

PRODUCT OVERVIEW

The HKY 100W USB-C Power Adapter is designed to provide efficient and safe charging for a wide range of USB-C compatible devices, including laptops, tablets, and smartphones. It incorporates advanced technology for optimal performance.

Key Features:

- **100W Power Delivery (PD3.0):** Supports fast charging for devices requiring up to 100W, dynamically optimizing output for various devices (5V, 9V, 15V, 20V).
- **Wide Compatibility:** Designed for HP laptops, docking stations, and other USB-C enabled devices.
- **Advanced Chip Technology:** Features a Cypress PD3.0 chip for stable and efficient charging.
- **Enhanced Durability:** The integrated USB-C cable features a braided design for increased longevity and resistance to wear.
- **Comprehensive Safety:** Built-in protections against overcharge, overvoltage, overheat, overcurrent, and short circuits. Certified by FCC, CE, CB, UKCA.
- **Compact Design:** Utilizes GaN semiconductor material for a smaller form factor and efficient heat dissipation.

100W Max Fast Charging

Compatible Models:

HP Spectre Fold 17 inch
3-in-1 PC 17-cs0000



Image: 100W Max Fast Charging in action.

This image illustrates the HKY 100W USB-C charger connected to an HP Spectre Fold 17-inch PC, demonstrating its 100W maximum fast charging capability. The charger is shown plugged into a wall outlet, with the cable extending to the laptop.

Wide Compatibility

MacBook and other Laptops / Tablets / Speakers /
Smartphone / Gaming Consoles / Headphones

100W
PD3.0
Maximum
Power



5W

- * Identify your devices automatically and provide the fastest and most efficient output voltage & current
- * Beyond its broad compatibility, this power adapter is also designed to work with a wide range of USB-C-enabled laptop devices, offering a maximum output of 140W for your charging needs. What sets the HKY 140W Smart USB-C AC Power Adapter apart is its reliability and safety features. It is UL and FCC/CE certified, with the newest Solid State Heat Dissipation Technology assuring you of the highest quality and safety standards.



Built-in
overload
protection
switch,
can charge
all kinds of
USB-C
interface
devices

100W
PD3.0

Image: Wide Compatibility.

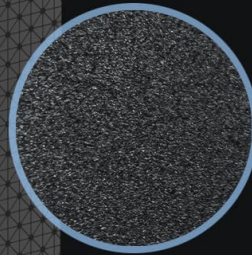
This image highlights the broad compatibility of the HKY 100W USB-C charger, showing it can charge various devices such as MacBooks, other laptops, tablets, smartphones, gaming consoles, and headphones. It emphasizes the 100W PD3.0 maximum power output and built-in overload protection.

Durable, Multiple Quality And Safety Verifications

Fire-rated

94V0

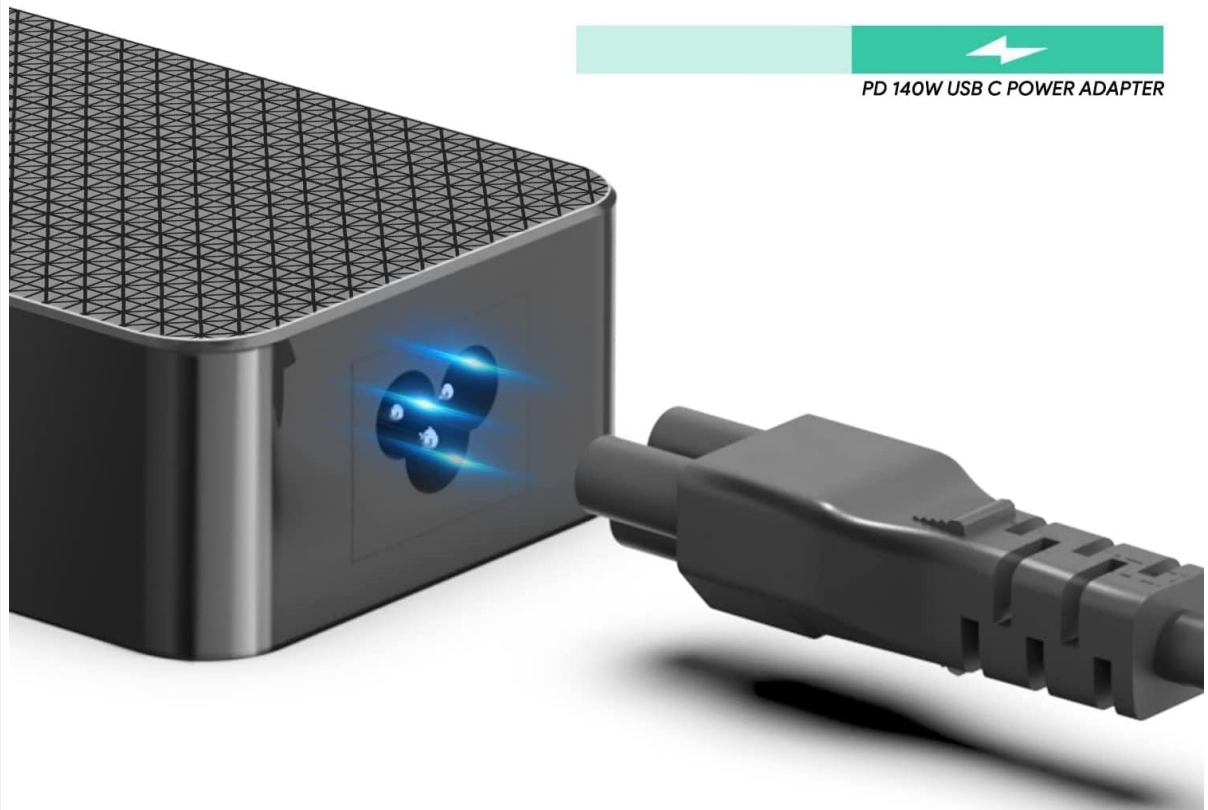
Materials for Protection
Against Fire Protection



Shell Material
Using High-Quality
ABS+PC,
Fire And
Heat-Resistant

Image: Durable, Multiple Quality and Safety Verifications.

This image showcases the durable construction of the charger, indicating it is fire-rated (94V0) and made with high-quality ABS+PC shell material for fire and heat resistance. It underscores the product's adherence to multiple quality and safety verifications.



Good heat
Resistance



VO-Grade
Fire-Retardant



Overcharge
Protection



Overvoltage
Protection



Overheat
Protection



Overcurrent
Protection

Image: Comprehensive Safety Protection.

This image details the comprehensive safety protections of the HKY 100W USB-C charger, including good heat resistance, VO-Grade fire-retardant materials, overcharge protection, overvoltage protection, overheat protection, and overcurrent protection.

PD 3.0

POWER DELIVERY
Super-fast Charger

Fast Charging, Time-Saving and Easy-to-Use
American Cypress PD3.0 chip



Image: Cypress PD3.0 Super-Fast Charger.

This image highlights the integration of the Cypress PD3.0 chip, emphasizing its role in providing super-fast and stable power delivery up to 100W. It illustrates the advanced technology behind the charger's efficient performance.

Tough Standards and Durable Wire

Excellent resistance to abrasion, jaw bending and tearing of the wires



10000+
Bend Lifespan



Pure copper
core



**Premium
Grade
Material**

**Hard And
Protective**

**Soft And
Flexible**

Image: Tough Standards and Durable Wire.

This image emphasizes the durability of the USB-C cable, showcasing its ability to withstand over 10,000 bends. It highlights the premium grade material, hard and protective yet soft and flexible design, and pure copper core, ensuring long-lasting performance and resistance to wear and tear.

SETUP

Follow these steps to set up your HKY 100W USB-C Power Adapter:

1. **Connect the AC Power Cord:** Insert the 3-pin connector of the AC power cord firmly into the corresponding port on the HKY 100W Power Adapter.
2. **Plug into Wall Outlet:** Insert the standard wall plug of the AC power cord into a suitable electrical wall outlet.
3. **Connect to Device:** Plug the integrated USB-C connector from the power adapter into the USB-C charging port of your laptop, tablet, smartphone, or docking station.

4. **Verify Connection:** Ensure all connections are secure. Your device should indicate that it is charging.



Image: Product Label and Connections.

This image shows a close-up of the HKY 100W USB-C Power Supply, highlighting its intelligent power supply label with model number A100-1 TYPE-C and output specifications. It also shows the connection point for the AC power cord.

OPERATING INSTRUCTIONS

The HKY 100W USB-C Power Adapter automatically detects the power requirements of your connected device and delivers the optimal charging current. No manual adjustments are needed.

- For best performance, ensure your device's charging port is clean and free of debris before connecting the charger.
- The charger supports Power Delivery (PD3.0) technology, allowing for rapid charging of compatible devices.
- Charging speed may vary depending on the device's battery level and power management settings.

Demonstration Videos:

Your browser does not support the video tag.

Video: HKY 100W USB-C Laptop Charger Overview.

This video provides a general overview of the HKY 100W USB-C Laptop Charger, showcasing its features and design. It highlights the charger's ability to provide multi-power charging up to 100W Max, wide compatibility with various laptops and tablets, safety features like short-circuit and over-voltage protection, compact size for portability, and the durable 5ft USB-C cable. The video also displays the adapter interface, plum blossom connector, and 3-pin plug.

Your browser does not support the video tag.

Video: HP USB-C Charger (Short Preview).

This short preview video demonstrates the HP USB-C charger, focusing on its compact design and ease of use. It shows the charger being connected to a laptop, emphasizing its suitability for HP devices.

Your browser does not support the video tag.

Video: ELECBRAiN 100W USB-C Fast Charger (Short Preview).

This short preview video showcases the ELECBRAiN 100W USB-C Fast Charger, highlighting its fast charging capabilities and compact form factor. It briefly demonstrates the charger's connection and portability.

Your browser does not support the video tag.

Video: HP USB-C Laptop Charger (Short Preview).

This short preview video provides another look at an HP USB-C laptop charger, emphasizing its compatibility and simple connection process for various HP laptop models.

Your browser does not support the video tag.

Video: Product Overview Video.

This video offers a comprehensive product overview, detailing the features and benefits of the charger. It covers aspects like design, compatibility, and ease of use, providing a visual guide to the product's functionality.

COMPATIBILITY

The HKY 100W USB-C Power Adapter is broadly compatible with a variety of devices that support USB-C Power Delivery. This includes, but is not limited to, the following models:

Compatible HP Laptop Models:

- HP ZBook Firefly 14 inch G11 Mobile Workstation PC Wolf Pro Security Edition
- HP ZBook Firefly 16 inch G11 Mobile Workstation PC Wolf Pro Security Edition
- HP Spectre Fold 17 inch 3-in-1 PC 17-cs0000 i7
- HP Spectre x360 2-in-1 Laptop 16t-aa000, 16.1"
- HP Envy Laptop 17-cw1000 series (e.g., 17-cw1087nr, 17-cw1097nr)
- HP Pavilion Plus Laptop 14t-ew100, 14-ew100 series (e.g., 14-ew1010nr)
- HP Chromebook Dragonfly Pro 14" PC
- Compatible with P/N: N56858-001, N56858-011, N56858-002, TPN-LA31, N57045-001, PA-1101-08HT, PA-1101-08HG.

Compatible Docking Stations:

- Mosirui Dockingstation USB C Dual Monitor, 14-in-1 Laptop Docking Station
- MOKiN USB C Docking Station 3 HDMI, 16-in-1 Docking station, 13-in-1 USB C Docking Station
- Lenovo USB-C Dual Display Travel Dock - 7 Ports
- Anker Laptop Docking Station, 8-in-1 USB-C Hub, 4K Dual Monitor
- Baseus Laptop Docking Station Triple Display 12-in-1
- And other dock stations with USB-C input charging port.

Other Compatible Devices:

- Samsung Galaxy Book Pro 360, Galaxy Book Pro 15.6", 13.3" (NP930QDB, NP950QDB, NP950XDB, etc.)
- MSI laptops with Type-C power connector (e.g., Summit E13Flip, E14, E15, E16Flip, Prestige series)

- MacBook Pro 16", 15", 14", 13" / MacBook Air 13" (2023, 2022 M2)
- Microsoft Surface Book 3/2 / Surface Laptop 7/6/5/4/3 / Surface Pro 12/11/10/X/9/8/7/6
- Game Consoles, DJI MAVIC 3, JBL Xtreme 4/3, Anker portable power station, and all USB-C port devices.

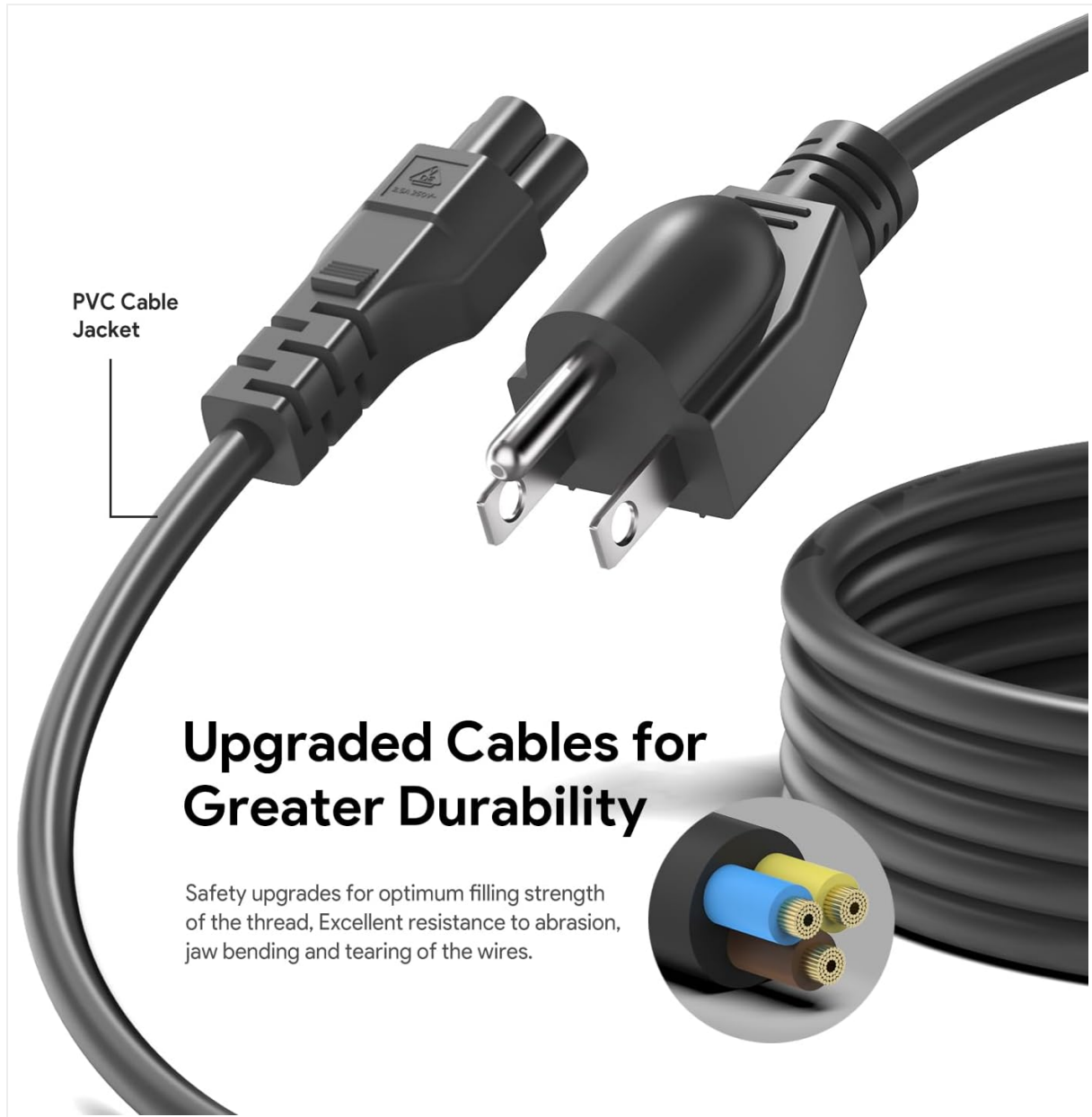


Image: Upgraded Cables for Greater Durability.

This image focuses on the upgraded USB-C cable, highlighting its PVC cable jacket and internal structure with pure copper core. The braided design ensures optimum filling strength, excellent resistance to abrasion, bending, and tearing, contributing to greater durability.

MAINTENANCE

- **Cleaning:** Disconnect the charger from the power outlet and your device before cleaning. Use a soft, dry cloth to wipe the adapter and cables. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, store the charger in a cool, dry place, away from direct sunlight and extreme temperatures. Avoid tightly coiling the cables to prevent damage.
- **Inspection:** Periodically inspect the adapter and cables for any signs of wear, cuts, or damage. If damage is found, cease use and replace the unit.

TROUBLESHOOTING

If you encounter issues with your HKY 100W USB-C Power Adapter, refer to the following common problems and solutions:

- **Device not charging:**
 - Ensure the AC power cord is securely connected to both the adapter and the wall outlet.
 - Verify the USB-C cable is firmly plugged into your device's charging port.
 - Try plugging the charger into a different wall outlet to rule out a faulty outlet.
 - Confirm your device is compatible with USB-C Power Delivery and the charger's wattage.
 - Check if the device's charging port is clean and free of obstructions.
- **Slow charging:**
 - Ensure your device supports 100W Power Delivery for optimal speed. Some devices may have lower maximum charging rates.
 - Close unnecessary applications on your device to reduce power consumption during charging.
 - Avoid using your device for intensive tasks while charging.
- **Charger feels warm:**
 - It is normal for the charger to become warm during operation, especially during fast charging.
 - Ensure the charger is placed in a well-ventilated area and not covered by blankets or other materials.
 - If the charger becomes excessively hot or emits smoke/unusual odors, disconnect it immediately and contact support.

SPECIFICATIONS

Feature	Detail
Model Number	A100-1 TYPE-C
Brand	HKY
Input Voltage	AC 100-240V, 50-60Hz
Output	DC 5-20V, 5A/100W (Max)
Connector Type	USB Type C
Wattage	100 watts
Amperage	5 Amps
Special Features	Fast Charging, Lightweight Design, Short Circuit Protection, Travel-friendly
Certifications	FCC, CE, CB, UKCA
Item Weight	1.18 pounds
Package Dimensions	7.56 x 5.08 x 1.85 inches

WARRANTY AND SUPPORT

Your HKY 100W USB-C Power Adapter comes with a **12-month warranty** from the date of purchase, as indicated in product videos. This warranty covers manufacturing defects and ensures product quality. For any quality problems, suggestions for improvement, or technical support, please contact our customer service team. We are committed to providing superior quality products and will respond to your inquiries within 24 hours.

Your satisfaction is our greatest motivation!