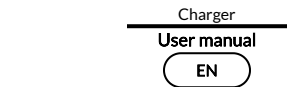




HARDY® Laptop Power Adapter™ 65W



A. Product Description

Thank you for your trust. You have chosen an intelligent power supply system based on **Power Delivery (PD)** technology. The heart of the set is a power adapter with a native **USB-C** plug that automatically negotiates charging parameters with your device.

Depending on the purchased variant, your set includes:

- **Standard Variant:** USB-C power adapter for direct charging of modern laptops and smartphones.
- **Dedicated Variant:** USB-C power adapter along with a specialized adapter (tip) tailored to the specific brand and charging socket of your laptop.

B. Technical specifications of the power adapter:

- **Model Name:** HARDY® Laptop Power Adapter™ 65W
- **Model Number:** indicated in the table below in the "Compatibility of models and tips" section
- **Input:** AC 220-240V, 50/60Hz, 1.5A
- **Output:** USB-C PD: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
- **Protections:** OVP (overvoltage), OCP (overcurrent), SCP (short-circuit), OTP (thermal)
- **Cable Length:** 3.2 m (2m DC cable + 1.2m AC cable)
- **Construction:** Mylar insulation and thermal conductive silicone cooling for increased component

longevity.

C. Available configurations (CHECK YOUR MODEL – you will find it on the packaging):

The table below is used to identify the technical parameters of your specific model of the set. The package contains only the adapter corresponding to the purchased model.

"Compatibility of models and tips" 20V (Standard)

- **3mkLPA-5525** | ◯ 5.5 x 2.5 | [IBM, Lenovo, Asus, Toshiba, Acer, Compaq, HP, DELL]
 - **3mkLPA-7450** | ◯ 7.4 x 5.0 | [DELL]
 - **3mkLPA-7955** | ◯ 7.9 x 5.5 | [IBM, Lenovo]
 - **3mkLPA-4017** | ◯ 4.0 x 1.7 | [IBM, Lenovo, Huawei, HP, Asus, Acer, Toshiba]
 - **3mkLPA-1145** | □ 11 x 4.5 | [Lenovo]
 - **3mkLPA-4530D** | ◯ 4.5 x 3.0 | [DELL]
 - **3mkLPA-4530H** | ◯ 4.5 x 3.0 | [HP]
 - **3mkLPA-3010** | ◯ 3.0 x 1.0 | [Acer, Samsung, ASUS, Liteon]
 - **3mkLPA-5517** | ◯ 5.5 x 1.7 | [Acer, Sony]
- #### 5V - 20V (Fast Charge)

- **3mkLPA-PD65** | Rounded USB-C | [LOGO: HARDY®]
- The list of brands is for reference only. If the plug dimension and current parameters (20V) match your

device, the power adapter will work properly, even if your laptop's manufacturer is not listed.

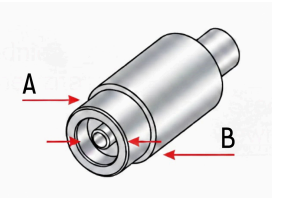
How to check if the plug will fit?

If you're unsure whether your power adapter has the right tip, you can check in a simple way:

1. Method "with a ruler"

This is the quickest way to determine the size.

- **Outer diameter (5.5 mm):** Hold the tip of the plug against a ruler. The width of the entire metal tube should be just over half a centimeter. This is the standard size, similar to the width of a regular pencil.
- **Inner diameter (1.7 mm):** Look into the plug hole. If the hole appears clearly smaller than standard laptop power adapters (which are usually 2.1 or 2.5 mm) and looks "narrow," it's probably 1.7 mm.



A - outer diameter

B - inner diameter

2. Method "with a matchstick or toothpick" (homemade tester)

This is a great way to ensure the size of the inner hole:

- A standard toothpick typically has a diameter of about 2 mm.
- If the toothpick does not fit into the plug hole, it means you are dealing with a smaller size, that is, 1.7 mm.
- If the toothpick fits loosely, you probably have a plug with a larger inner diameter (e.g. 2.1 mm or 2.5 mm).

3. Check the color of the insulation

In the world of power adapters, manufacturers often use color codes for easier identification:

- A plug measuring 5.5 x 1.7 mm often has a yellow or pink plastic ring inside or at the tip (as shown in the reference image).

Tip: The most reliable way is to check the markings on the old power adapter or in the device manual. Look for the DC 5.5/1.7mm symbol.

D. Installation and use:

To ensure maximum longevity of the electronics, it is recommended to follow the sequence below for connecting components:

1. Preparing the adapter:

Slide the chosen adapter onto the USB-C power cable plug, ensuring it is securely

connected all the way in.

2. Connecting to laptop:

Insert the correct tip into the charging socket of your device.

3. Power:

Lastly, plug the AC plug of the adapter into the wall socket.

E. Safety Instructions (Important!)

- **Power verification:** Ensure that your laptop does not require a power adapter exceeding 65W (information on the bottom of the laptop: "Input ...W" or "Input ...V ...A").
- **Parameter compatibility:** Before connecting, ensure that your laptop requires a voltage of 19V-20V and a power not exceeding 65W. Connecting a device with higher power demand may cause overheating or damage to the power adapter.
- **Using the tips:** Adapters should be plugged onto the USB-C plug securely and all the way in. Never use force if the tip does not fit into the laptop socket – check the compatibility table.
- **Operating environment:** Use the power adapter only in dry rooms. Protect from moisture, splashes, and direct sunlight.
- **Ventilation:** Do not cover the power adapter (e.g., with newspapers, clothing, cables) during operation. The

adapter dissipates heat through the casing. Ensure free air circulation around the device.

- **Mechanical damage:** Do not use the power adapter if the power cord, DC cable, or casing are damaged. This poses a risk of electric shock or fire.
- **Repairs:** Do not attempt to open or modify the power adapter. Any repairs should be performed by an authorized service center.
- **Storage:** After charging, it is recommended to unplug the power adapter from the wall socket. Store in a place inaccessible to children.
- **Protections:** The device has automatic protection systems (OVP, OCP, SCP, OTP) that disconnect the power supply in emergencies. In such cases, disconnect the power adapter and wait for it to cool down before reusing.

F. Environmental Protection and Disposal (WEEE)

- **Symbol of a crossed-out bin:** This marking indicates that the product, at the end of its life, must not be disposed of with other household waste.
- **Disposal:** Used electronic equipment should be handed over to a designated collection point for electrical and electronic waste (WEEE).
- **Purpose:** Proper disposal helps avoid negative impacts on the environment and human health resulting from

the presence of hazardous substances in the equipment.

- **Additional information:** For detailed information on collection points, contact local authorities or the product purchase point.

G. What to do if the power adapter doesn't charge?

- Check if the LED on the laptop (if present) is on.
- Ensure the adapter is securely pushed all the way into the USB-C cable.
- Check if the laptop's socket is dirty.

Important supplement to safety instructions:

- **Power verification:** Remember that a 65W power adapter should not be used with laptops requiring higher power (e.g., 90W or 130W). Using an undersized adapter can cause it to overheat, be shut down by protection systems, or fail to charge the battery during intensive computer use.
- **USB-C universality:** The Standard variant (without the adapter) is fully compatible with smartphones and tablets supporting Power Delivery technology. Thanks to intelligent voltage negotiation, the power adapter will safely lower the output parameters (e.g., to 5V or 9V) appropriately for your device.

H. Warranty:

Improper use or incorrect placement of this product by users may result in reduced lifespan or damage, and any resulting damages are not covered by the warranty or are not the manufacturer's responsibility. The warranty covers manufacturing defects and material defects. The manufacturer's warranty is 24 months.

- **Declaration of Conformity:** Hereby, 3mk Sp. z o.o. declares that this product complies with the relevant European harmonization legislation 2014/35/EU (LVD), 2014/30/EU (EMC), 2011/65/EU (RoHS) 2009/125/EC (ErP) along with the Commission Regulation (EU) 2019/1782. The full text of the declaration of conformity is available at the following internet address (3mk.global/manual).

Designed in Poland by:

3mk Protection Sp. z o.o.
Krotoszyńska 35, B-02/4a
63-400 Ostrów Wielkopolski
VAT ID PL 6222833086
3mk@3mk.pl

Manufactured in China.

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