



Ultra-Compact Universal AC/USB Power Adapter - 45W

Installation Guide

Introduction

The *Ultra-Compact Universal AC/USB Power Adapter - 45W* is an auto-switching universal ultrabook/laptop AC power adapter/charger with a 1A USB charging port.

Features and Benefits

- Perfect as an additional or replacement AC adapter/charger for various ultrabook/laptop computers
- Includes 7 adapter tips for a variety of ultrabook/laptop computers
- Coded adapter tips make identifying the correct tip to match ultrabook/laptop computer easier
- Output voltage adjusts automatically based on adapter tip or device attached
- Automatically adjusts input voltage for worldwide use with no need for voltage converter (country specific wall plug adapter may be required)
- 5V/1A USB Type A charging port is perfect for charging many USB powered devices

Package Contents

- *Ultra-Compact Universal AC/USB Power Adapter - 45W*
- 7 Adapter tips
- AC power cord
- Travel bag
- Installation guide

Introduction

The *Ultra-Compact Universal AC/USB Power Adapter - 45W* plugs into any AC power outlet anywhere in the world* and provides reliable power to run your ultrabook/laptop computer and charge its battery. The power adapter uses quality components and features advanced voltage and heat protection circuits to ensure safety and efficiency.

***Note:** A wall plug adapter may be necessary to plug into AC power outlets outside of the United States, however, no voltage converter is needed anywhere in the world.

This adapter comes with a variety of numbered adapter tips, to ensure that the proper voltage is delivered to your ultrabook/laptop, make sure you are using the correct adapter tip for your specific ultrabook/laptop model. Read the following instructions and refer to the **Adapter Tip Compatibility Chart** to select the correct adapter tip for your ultrabook/laptop.

Safety information

- Do not expose the power adapter to rain, moisture, dirt or dust
- Do not use the power adapter in direct sunlight
- Use the power adapter in a well ventilated area
- Do not open the power adapter under any circumstances. The power adapter is not intended to be repaired. There are no internal servicable parts
- Discontinue use if any of the following should occur:
 - The power adapter shuts down or the LED turns off when plugged into your ultrabook/laptop
 - The AC cord, output cable or plug is damaged or frayed
- Make sure to use the correct adapter tip for your ultrabook/laptop listed in the **Adapter Tip Compatibility Chart**. Do not use a tip that is not listed on the **Adapter Compatibility Chart** with your ultrabook/laptop

Note: For the most updated adapter tip compatibility list, please check the support section at www.siig.com.

Layout

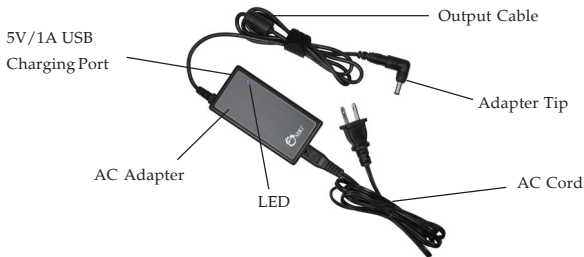


Figure 1: Layout

Using the *Power Adapter*

1. Select your ultrabook/laptop brand and power output from the **Adapter Tip Compatibility Chart** to find the right adapter tip.

Note: The use of an incorrect adapter tip may damage your ultrabook/laptop. Do not use this product if your ultrabook/laptop brand is not listed in the **Adapter Tip Compatibility Chart**.

2. Locate the specified adapter tip from the included adapter tip bundle. Each tip is clearly marked on the side. See **Figure 2** below.



Figure 2: Adapter Tip

3. Connect the selected adapter tip to the end of the power adapter's output cable, make sure that the ridge on the inside of the adapter tip aligns with the groove in the output cable connector. Also, make sure that the adapter tip is pushed all the way into the connector.
4. Plug the AC cord into the power adapter.
5. Plug the other end of the AC cord into a reliable power outlet. The LED on the power adapter lights up indicating that it is powered and ready for use.

Note: If the LED does not turn on or turns off, discontinue use.

6. Plug the adapter tip into your laptop. The *Ultra-Compact Universal AC/USB Power Adapter - 45W* powers the ultrabook/laptop and charges its battery.

USB Charging Port

The 5V/1A USB charging port can be used to charge your iPad, tablet computer, iPhone, mobile phone, MP3 player, and many other USB powered devices. You can charge your ultrabook/laptop and use the USB charging port individually or at the same time.

1. Connect your USB charging cable to your device, then connect the USB charging cable into the USB charging port of the *Ultra-Compact Universal AC/USB Power Adapter - 45W*.
2. Plug the *Ultra-Compact Universal AC/USB Power Adapter - 45W* into a reliable AC power outlet.

Note: The USB charging port does not function like a regular USB port. It will only charge your device.

Adapter Tip Specification

Tip M8

- Output voltage: 19.5V
- Voltage range: 18.5V - 20.5V
- Connector: 6.0 (OD) x 4.3 (ID) x 10.7 (L) mm

Tip M13

- Output voltage: 19V
- Voltage range: 18.1V - 20.0V
- Connector: 5.5 (OD) x 1.7 (ID) x 10.7 (L) mm

Tip M20

- Output voltage: 19V
- Voltage range: 18.1V - 20.0V
- Connector: 4.0 (OD) x 1.7 (ID) x 10.7 (L) mm

Tip M21

- Output voltage: 20V
- Voltage range: 19.0V - 21.0V
- Connector: 5.5 (OD) x 2.5 (ID) x 10.7 (L) mm

Tip M24

- Output voltage: 19V
- Voltage range: 18.1V - 20.0V
- Connector: 2.5 (OD) x 0.7 (ID) x 11.0 (L) mm

Tip M26

- Output voltage: 19V
- Voltage range: 18.1V - 20.0V
- Connector: 3.0 (OD) x 1.1 (ID) x 10.7 (L) mm

Tip M27

- Output voltage: 19.5V
- Voltage range: 18.5V - 20.5V
- Connector: 4.5 (OD) x 3.0 (ID) x 9.0 (L) mm

Adapter Tip Compatibility Chart

Tip No.	Output (Max)	Connector Size (OD x ID x L)	Brand
M8	19.5V	6.0mm x 4.3mm x 10.7mm	Sony: 19.5V/2.3A
M13	19V	5.5mm x 1.7mm x 10.7mm	ACER: 19V/ 2.15A
M20	19V	4.0mm x 1.7mm x 10.7mm	HP: 19V/1.58A
M21	20V	5.5mm x 2.5mm x 10.7mm	Lenovo: 20V/2A, Delta: 20V/1.2A, IBM: 20V/2A, LG: 20V/2A, MSI: 20V/2A
M24	19V	2.5mm x 0.7mm x 11.0mm	ASUS: 19V/2.1A
M26	19V	3.0mm x 1.1mm x 10.7mm	Samsung: 19V/2.1A
M27	19.5V	4.5mm x 3.0mm x 9.0mm	Dell: 19.5V/2.31A

FAQ

1. **What tip should I used for my ultrabook/laptop?**
You can find the correct tip for your ultrabook/laptop by looking in the **Adapter Tip Compatibility Chart**.

2. **Will using an incorrect adapter tip damage my ultrabook/laptop?**

Using an incorrect tip can damage your ultrabook/laptop. The adapter tips are designed to be used with specific ultrabooks/laptops. Make sure the adapter tip's output voltage matches the power requirements of your ultrabook/laptop. Therefore, only use the tip that is designed specifically for your ultrabook/laptop. Refer to the **Adapter Tip Compatibility Chart** for the correct tip for your ultrabook/laptop.

3. **My ultrabook/laptop is not listed on the Adapter Tip Compability Chart, will it work with the power adapter?**

Yes, your ultrabook/laptop may work with the power adapter even though it's not listed on the chart. First, verify that the adapter tip's connector fits (it should slide in snugly but not forced) into the ultrabook's/laptops's power jack. Secondly, the adapter tip's power output should match the ultrabook's/laptop's power requirements. Check the **Adapter Tip Specifications** for the correct adapter tip.

4. **My ultrabook/laptop requires only 19V power output. Will the power adapter damage my ultrabook/laptop?**

The *Ultra-Compact Universal AC/USB Power Adapter - 45W* can safely provide power to ultrabooks/laptops. When used with the proper adapter tip, the power adapter will provide the appropriate voltage to your ultrabook/laptop. Make sure the adapter tip's output voltage matches the power requirements of your ultrabook/laptop. Refer to the **Adapter Tip Compatibility Chart** for the correct tip for your ultrabook/laptop.

5. **What ultrabooks will this power adapter work with?**

The *Ultra-Compact Universal AC/USB Power Adapter - 45W* is compatible with various brands of ultrabooks. For a list of compatible ultrabooks look on the **Adapter Tip Compatibility Chart**. Select the adapter tip that matches the output voltage required by your ultrabook.

6. **Why doesn't the adapter tip fit into my ultrabook/laptop?**

You may have selected the wrong adapter tip. The tip should fit securely into power jack of your ultrabook/laptop. Do not force the tip into the power jack. Check the **Adapter Tip Compatibility Chart** for the correct adapter tip for your ultrabook/laptop.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.siig.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details. If you encounter any problems with this product, please follow the procedures below.

If it is within the store's return policy period, please return the product to the store where you purchased from. If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **Request A Product Replacement** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping. Ship the product to the following address:

SIIG, Inc.
6078 Stewart Avenue
Fremont, CA 94538-3152, USA
RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio.

SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

Ultra-Compact Universal AC/USB Power Adapter - 45W

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

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