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Spigen PE2008UJ

Spigen 30W USB-C Power Adapter Instruction Manual

Brand: Spigen | Model: PE2008UJ

INTRODUCTION

The Spigen 30W USB-C Power Adapter is a compact and efficient charging solution designed for a wide range of devices, including smartphones, tablets, and laptops. Utilizing advanced Gallium Nitride (GaN) technology, this power adapter offers fast charging capabilities in a smaller, more portable form factor, while ensuring stable power delivery and reduced heat generation. Its foldable plug design enhances portability, making it an ideal companion for both home and travel use.



Image: The Spigen 30W USB-C Power Adapter, showcasing its compact design and foldable prongs.

PRODUCT FEATURES

- **Ultra-Fast Charging:** Delivers 30W output via USB-C Power Delivery 3.0, capable of charging compatible mobile phones up to 50% in approximately 30 minutes.
- **Compact and Portable Design:** Features a super mini-size with foldable plugs, making it significantly smaller than traditional 30W chargers for easy transport and storage.

- **Advanced Gallium Nitride (GaN) Technology:** Incorporates a Navitas GaN chipset, allowing for a smaller charger size, higher efficiency, and reduced heat generation compared to silicon-based chargers.
- **Power Quality Technology:** Minimizes ripple noise to ensure stable power delivery, which helps reduce potential damage to connected devices and extends their lifespan.
- **Quantum Boost™:** Auto device detection for maximum power output, optimizing charging for various devices.

30W Max Output
Charges MacBook Air and the newest
iPad Pro at a full speed.



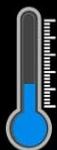
Image: Visual representation of Gallium Nitride (GaN) technology, highlighting benefits such as cooler operation, faster charging, and smaller size.

More Power, Less Heat

50°F cooler than silicon chargers.



Other 30W chargers
Silicon (Si)



ArcStation Pro 30W
Gallium Nitride (GaN)

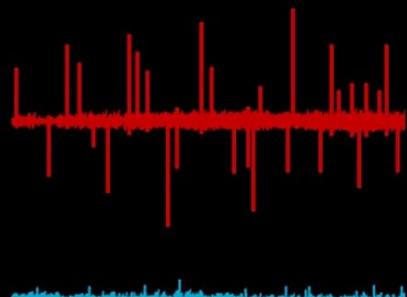
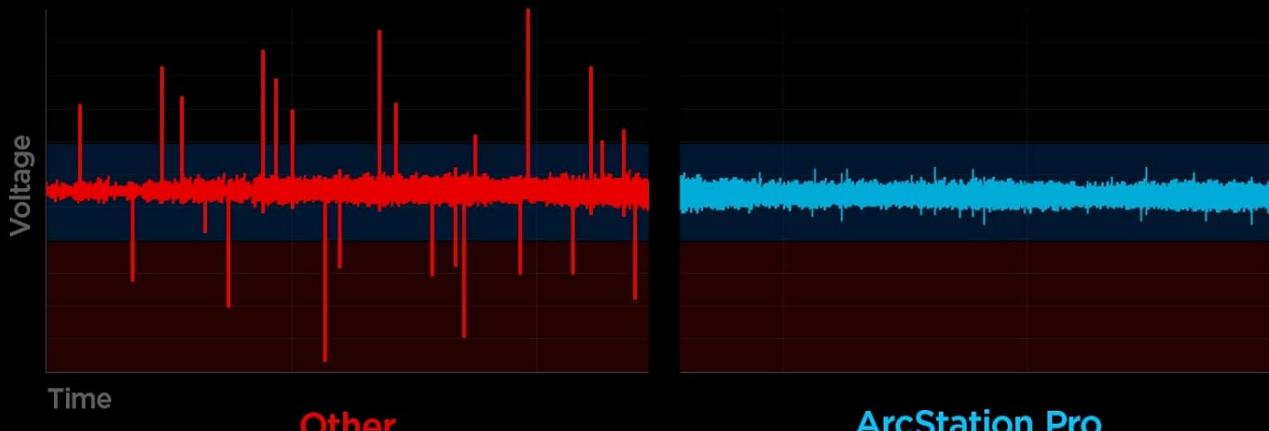


Image: Illustration comparing heat dissipation in traditional silicon chargers versus the cooler operation of GaN technology in the ArcStation Pro.



Power Quality Technology

Stable Power. Longer Lifespan.



The large degree of Ripple Noise may cause heating and damage to capacitors.

Power Quality Technology: By minimizing Ripple Noise, ArcStation Pro provides a stable maximum current.

Image: A graph demonstrating the stable voltage output of ArcStation Pro with Power Quality Technology, compared to unstable output from other chargers.

SETUP AND OPERATING INSTRUCTIONS

The Spigen 30W USB-C Power Adapter is designed for simple and intuitive use. Follow these steps to begin charging your devices:

- 1. Unfold the Prongs:** Gently pull out the foldable electrical prongs from the charger body until they lock into place.
- 2. Connect to Power Outlet:** Insert the charger into a standard wall power outlet. Ensure it is securely plugged in.
- 3. Connect USB-C Cable:** Obtain a compatible USB-C to USB-C charging cable (not included with the charger). Insert one end of the USB-C cable into the USB-C port on the Spigen 30W Power Adapter.
- 4. Connect to Device:** Insert the other end of the USB-C cable into the charging port of your compatible device (e.g., smartphone, tablet, laptop).
- 5. Begin Charging:** Your device should automatically begin charging. The charger will intelligently detect your device's power requirements and deliver the optimal charging speed up to 30W.

For optimal fast charging, ensure your device and charging cable support USB Power Delivery (PD) technology.

Gallium Nitride (GaN) Future of Charging

50°F Cooler

3.1x Faster
than 5W stock charger

30W Power

30% Smaller



Image: The Spigen 30W USB-C Power Adapter, illustrating the foldable plug mechanism for compact storage.

Smaller and Lighter

30% smaller, 55% lighter than silicon chargers.

Other 30W chargers
Silicon (Si)



Spigen ArcStation Pro 30W
Gallium Nitride (GaN)



Image: The 30W USB-C Power Adapter charging a MacBook Air and an iPad Pro, demonstrating its high power output for larger devices.

Your browser does not support the video tag.

Video: An official Spigen video demonstrating the compact design, GaN technology, and charging capabilities of the 30W USB-C Power Adapter, including its power quality features.

COMPATIBILITY

The Spigen 30W USB-C Power Adapter offers wide compatibility with various USB-C enabled devices. Below is a list of commonly supported devices:

- **Laptops:** MacBook Air, MacBook Pro 13"/14"/15", MacBook 12", Steam Deck.
- **Tablets:** iPad Pro M4, iPad Pro 12.9"/11"/10.5", iPad Air M2, iPad Mini Series, Apple iPad, Samsung Galaxy Tab S9 FE/S9 Ultra/S9+/S9, Galaxy Tab S8 Ultra/S8+/S8.
- **Smartphones:**
 - iPhone 15/15 Plus/15 Pro/15 Pro Max, iPhone 14/14 Plus/14 Pro/14 Pro Max, iPhone 13/13 Mini/13 Pro/13 Pro Max, iPhone 12/12 Mini/12 Pro/12 Pro Max, iPhone 11/11 Pro/11 Pro Max, iPhone X/XS/XR/XS Max, iPhone SE 2020, iPhone 8/8 Plus.

- Samsung Galaxy S23 Ultra/S23 Plus/S23, S22 Ultra/S22 Plus/S22, S21+/S21/S21 Ultra/S21 FE, S20+/S20, S10, Note 20/9/8, Galaxy Z Fold 5/4/3/2, Galaxy Z Flip 5/4/3/2.
- Google Pixel 8/8a/8 Pro/Fold/7/7 Pro/6/6 Pro/5/4a/4 XL/4/3a/3a XL/3 XL.
- LG V50/V60, OnePlus 9 Pro/9/8T/8 Pro/8, Moto G100/Edge 20 Pro, Nexus 5X/6P, Sony Xperia Pro.

• **Other Devices:** MagSafe Wireless Charger, AirPods Pro 2nd Gen, Nintendo Switch, Oculus.



Image: A visual representation of the wide array of devices compatible with the Spigen 30W USB-C Power Adapter.

SPECIFICATIONS

Brand	Spigen
Model Number	PE2008UJ
Output Power	30W Max (USB-C Power Delivery 3.0)
Input Voltage	240 Volts
Product Dimensions	1.81 x 1.73 x 1.22 inches
Item Weight	1.94 ounces
Connectivity Technology	USB
Connector Type	USB-C
Special Features	Fast Charging, Foldable Plug, Gallium Nitride (GaN) Technology, Travel Ready, Portability, Power Quality Technology
Country of Origin	China

TROUBLESHOOTING

If you encounter issues with your Spigen 30W USB-C Power Adapter, consider the following troubleshooting steps:

• **Device Not Charging:**

- Ensure the charger is firmly plugged into a working wall outlet.
- Verify that the USB-C cable is securely connected to both the charger and your device.
- Try using a different USB-C cable to rule out a faulty cable.
- Test the charger with a different compatible device to confirm the charger's functionality.
- Check your device's charging port for any debris or damage.

• **Slow Charging:**

- Ensure your device and USB-C cable support USB Power Delivery (PD) for optimal fast charging speeds.

- Close any power-intensive applications running in the background on your device.
- Avoid using your device heavily while it is charging.

- **Charger Getting Hot:**

- It is normal for chargers to become warm during operation, especially during fast charging.
- If the charger becomes excessively hot to the touch, disconnect it immediately and allow it to cool down. Ensure adequate ventilation around the charger.
- If overheating persists, discontinue use and contact customer support.

Maintenance

Proper care and maintenance will help ensure the longevity and optimal performance of your Spigen 30W USB-C Power Adapter:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface of the charger. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, fold the prongs back into the charger body for compact storage. Store the charger in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping the charger or subjecting it to strong impacts. Do not attempt to disassemble or modify the charger, as this will void the warranty and could pose a safety risk.
- **Cable Care:** Always grasp the plug, not the cable, when disconnecting from the charger or device. Avoid bending or crimping the cable excessively.

Warranty and Support

The Spigen 30W USB-C Power Adapter comes with a **Spigen 24-Month Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please visit the official Spigen website or contact their customer service directly. You can also find more information and products on the [Spigen Store on Amazon](#).

Safety Information

Please read and follow all safety instructions to prevent injury or damage to the product and connected devices:

- Do not expose the charger to water, moisture, or extreme temperatures.
- Do not use the charger if it has been damaged or dropped.
- Keep out of reach of children.
- Do not operate the charger near flammable materials or in explosive atmospheres.
- Ensure the charger is used with compatible devices and cables.
- Unplug the charger during lightning storms or when unused for long periods.