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## Spigen PE2009UJ

# Spigen ArcStation Pro 20W USB-C GaN Charger Instruction Manual

Model: PE2009UJ

## INTRODUCTION

The Spigen ArcStation Pro 20W USB-C GaN Charger is a compact and efficient power adapter designed for fast charging a wide range of compatible devices. Utilizing Gallium Nitride (GaN) technology, this charger offers high power output in a smaller form factor with improved thermal performance. This manual provides essential information for the safe and effective use of your charger.

## SAFETY INFORMATION

- Do not expose the charger to liquids, extreme temperatures, or humidity.
- Avoid dropping or subjecting the charger to strong impacts.
- Do not attempt to disassemble, repair, or modify the charger.
- Keep out of reach of children.
- Ensure the charger is properly plugged into a compatible wall outlet.
- Unplug the charger during lightning storms or when unused for long periods.

## SETUP

1. Unfold the AC prongs from the charger body.
2. Insert the charger into a standard wall outlet.
3. Connect a compatible USB-C charging cable (not included) to the USB-C port on the charger.
4. Connect the other end of the charging cable to your device.

## OPERATING INSTRUCTIONS

The Spigen ArcStation Pro 20W GaN Charger is designed for simple plug-and-play operation. Once connected to a power source and a compatible device, it will automatically begin charging.

- **Charging Indicator:** A small LED indicator on the charger will illuminate when it is connected to a power source and actively charging a device.
- **Fast Charging:** For optimal fast charging, ensure your device and charging cable support USB

Power Delivery (PD) and are compatible with 20W output.

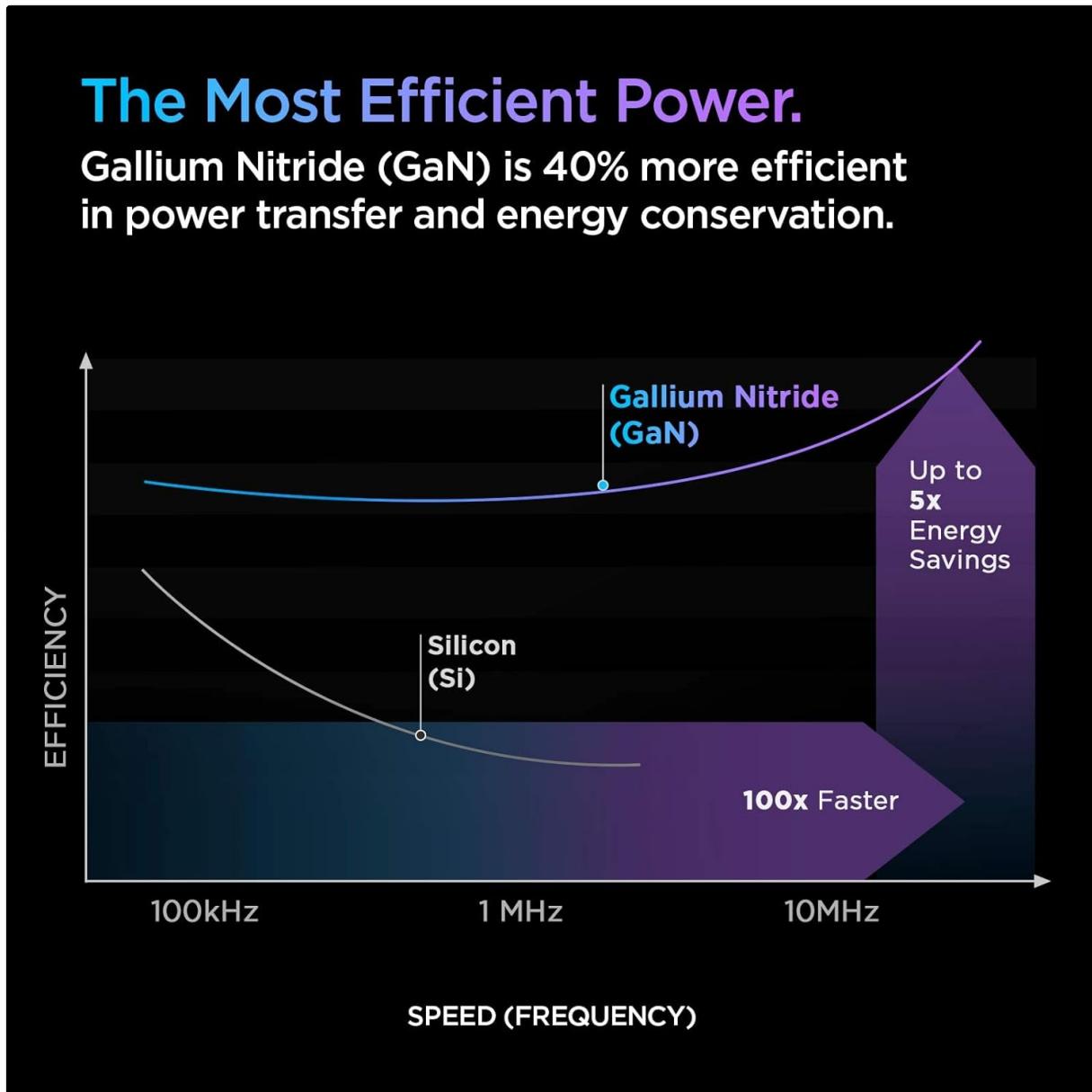


Image: The Spigen ArcStation Pro 20W GaN Charger connected to a wall outlet and charging a smartphone via a USB-C cable.

## FEATURES

The Spigen ArcStation Pro 20W GaN Charger incorporates advanced features for superior performance:

- Gallium Nitride (GaN) Technology:** This advanced semiconductor material allows for smaller, lighter, and more efficient chargers compared to traditional silicon-based chargers. It also generates less heat during operation.
- 20W Power Delivery (PD) Output:** Provides rapid charging speeds for compatible devices, including iPhones (iPhone 8 and later models up to 3.1x faster than a 5W charger), MagSafe chargers, AirPods Max, and more.
- Foldable Prongs:** The retractable prongs enhance portability and prevent scratches to other items in your bag.
- Lightweight Design:** Weighing only 1.48 ounces, it's ideal for travel and everyday use.
- Power Quality Technology:** Minimizes ripple noise to provide stable power, protecting your devices and extending their lifespan.
- Short Circuit Protection:** Built-in safety mechanisms protect against electrical damage.

# Spigen 20W ArcStation Pro 20W Power Delivery GaN Charger



....with the use of a GaN chip for higher efficiency and less heat than a standard wall charger



GaNFast charger that uses gallium nitride (or GaN) technology, this is one of the smallest fast USB-C chargers you'll find.



spotlighted numerous gallium nitride chargers..., but Spigen's 20W is by far the smallest.

Image: Visual representation of GaN technology benefits, highlighting cooler operation, faster charging, 20W power, and smaller size.



Image: A graph demonstrating the stable power delivery of ArcStation Pro due to minimized ripple noise, compared to unstable power from other chargers.

Video: Official Spigen video showcasing the Power Quality Technology of the ArcStation Pro 20W GaN Charger.

## COMPATIBILITY

The Spigen ArcStation Pro 20W USB-C GaN Charger is compatible with a wide range of devices that support USB Power Delivery (PD) via a USB-C connection. This includes, but is not limited to:

- **Apple iPhones:** iPhone 17, iPhone 16, iPhone 15 series, iPhone 14 series, iPhone 13 series, iPhone 12 series, iPhone SE (2nd & 3rd generation), iPhone 11 series, iPhone X/XS/XR/XS Max, iPhone 8/8 Plus.
- **Apple iPads:** iPad Pro (various generations), iPad Air (various generations), iPad (various generations), iPad mini (various generations).
- **Samsung Galaxy Phones:** Galaxy S22 series, S21 series, S20 series, Z Fold series, Z Flip series, Note series.
- **Google Pixel Phones:** Pixel 8 series, Pixel 7 series, Pixel 6 series.
- **Other Devices:** MagSafe Wireless Charger, MagSafe Duo, AirPods Max, AirPods Pro, AirPods,

Smart Watches, and other USB-C powered devices.

Video: Official Spigen video demonstrating the fast charging capabilities of the ArcStation Pro GaN USB-C PD 20W Charger for iPhone.

## SPECIFICATIONS

<b>Model Number</b>	PE2009UJ
<b>Product Dimensions</b>	1.55 x 1.09 x 1.35 inches
<b>Item Weight</b>	1.48 ounces
<b>Input Voltage</b>	240 Volts
<b>Amperage</b>	3 Amps
<b>Total USB Ports</b>	1 (USB Type C)
<b>Special Features</b>	Charging Indicator, Fast Charging, Lightweight Design, Retractable Plug, Short Circuit Protection
<b>Color</b>	White

## MAINTENANCE

- To clean the charger, unplug it from the wall outlet and wipe it with a dry, soft cloth.
- Do not use liquid cleaners or abrasive materials.
- Store the charger in a cool, dry place when not in use.

## TROUBLESHOOTING

- **Device not charging:** Ensure the charger is securely plugged into a live wall outlet and the charging cable is firmly connected to both the charger and your device. Verify that your cable is not damaged.
- **Slow charging:** Confirm that your device and charging cable support USB Power Delivery (PD) for optimal fast charging speeds. Some devices may limit charging speed based on battery level or temperature.
- **Charger is hot:** It is normal for the charger to become warm during use, especially during fast charging. If it becomes excessively hot, unplug it immediately and contact customer support.
- **Charging indicator not lit:** Check the power connection to the wall outlet and ensure a device is connected and drawing power.

## WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Spigen website or contact their customer service directly. Keep your purchase receipt for warranty claims.