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> [Joyroom JR-TCG08 PD 20W USB Fast Charger Instruction Manual](#)

Joyroom JR-TCG08

Joyroom JR-TCG08 PD 20W USB Fast Charger Instruction Manual

Model: JR-TCG08

INTRODUCTION

The Joyroom JR-TCG08 PD GaN 20W charger is designed to provide fast and efficient charging for compatible USB-C devices, including smartphones and tablets. Utilizing advanced GaN technology, this charger offers improved power efficiency and reduced heat generation within a compact design. Its small size makes it suitable for travel and daily use. The charger features a standard European plug for convenient compatibility and includes built-in protection features for safety and durability.

IMPORTANT SAFETY INFORMATION

Please read all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- Do not expose the charger to liquids, moisture, or extreme temperatures.
- Do not disassemble, modify, or attempt to repair the charger.
- Keep out of reach of children.
- Ensure the power outlet voltage is compatible with the charger's input voltage (240V).
- Unplug the charger during lightning storms or when unused for long periods.
- This charger is equipped with 6-point safety protection, including over-current protection, over-voltage protection, over-temperature protection, short-circuit protection, anti-static protection, and case fireproof protection.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x Joyroom JR-TCG08 PD 20W USB Fast Charger
- 1 x Instruction Manual (this document)

PRODUCT OVERVIEW

The Joyroom JR-TCG08 charger features a compact design with a single USB-C output port. It is designed for portability and efficient power delivery.



Image: Front view of the Joyroom JR-TCG08 PD 20W USB Fast Charger, showing the USB-C port and brand logo.



Image: Angled view of the Joyroom JR-TCG08 charger, highlighting its compact size and European plug.

SETUP

Setting up your Joyroom JR-TCG08 charger is straightforward:

1. **Unpack the Charger:** Carefully remove the charger from its packaging.
2. **Inspect for Damage:** Before use, check the charger for any visible damage. Do not use if damaged.
3. **Connect to Power Outlet:** Plug the charger into a standard European wall power outlet.
4. **Prepare Charging Cable:** Obtain a compatible USB-C to USB-C or USB-C to Lightning charging cable (not included).

OPERATING INSTRUCTIONS

Follow these steps to charge your device:

1. **Connect Cable to Charger:** Insert one end of your USB-C charging cable into the USB-C port on the Joyroom JR-TCG08 charger.
2. **Connect Cable to Device:** Insert the other end of the charging cable into your compatible smartphone, tablet, or other USB-

C powered device.

3. **Begin Charging:** The device should automatically begin charging. A charging indicator (if present on your device) will typically illuminate.
4. **Disconnect After Charging:** Once your device is fully charged, disconnect the cable from your device, then unplug the charger from the wall outlet.

Gan PD20W mini Fast Charger

GAN 20W



Charge iPhone 15 Pro Max for 30 minutes

JOYROOM PD FAST CHARGER:



Other 5V1A:

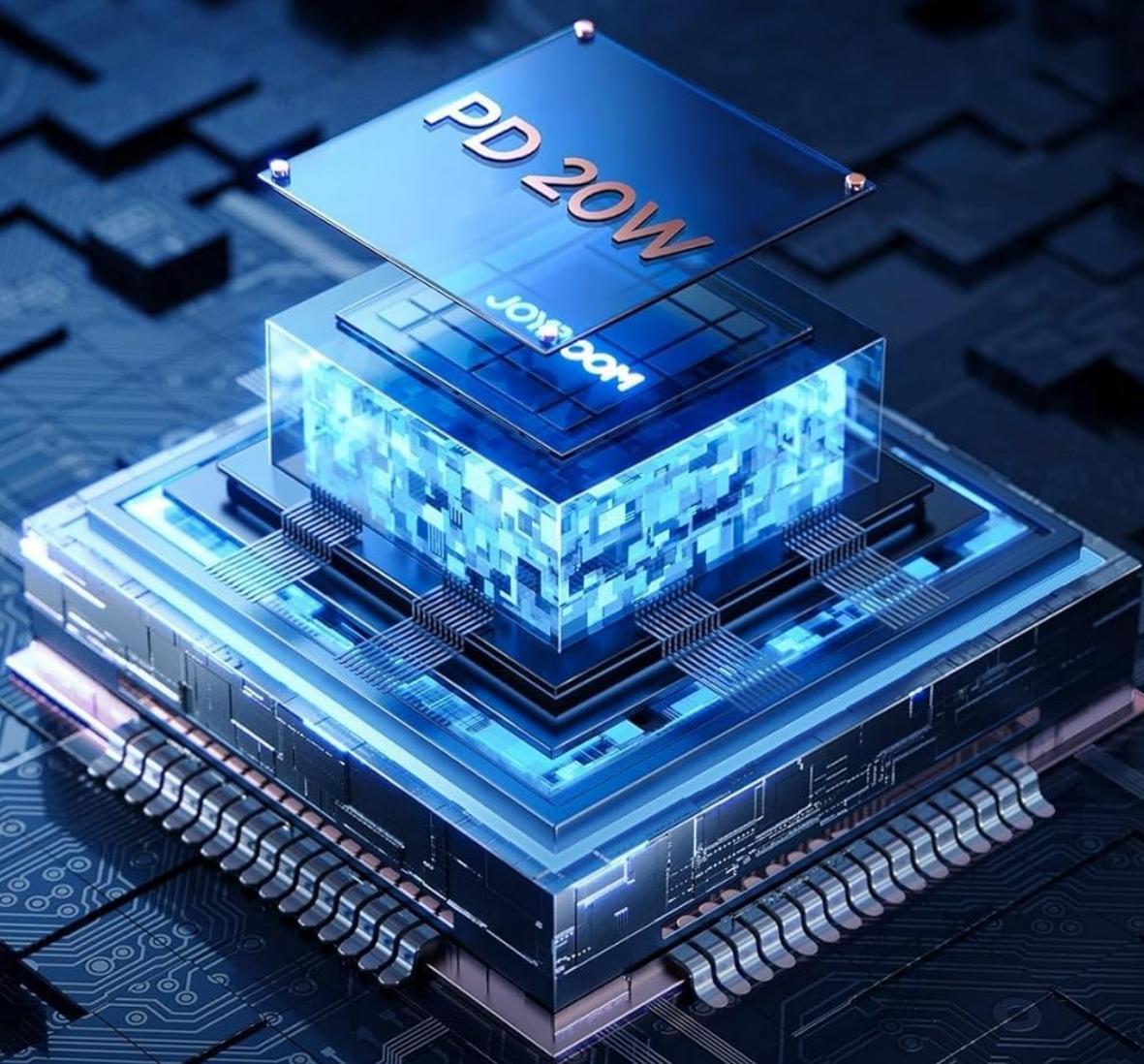


Image: The Joyroom JR-TCG08 charger plugged into a wall socket, charging an iPhone 15 Pro Max via a USB-C to Lightning cable.

This charger supports Power Delivery (PD) and Quick Charge 3.0 protocols for rapid charging. For example, it can charge compatible iPhones up to 68% in approximately 30 minutes.

Powered by GaN chip

Safer fast charging



↓ **25%**
Lower consumption

↑ **30%**
Higher efficiency

↑ **4X**
Faster charging

↓ **35%**
Smaller size

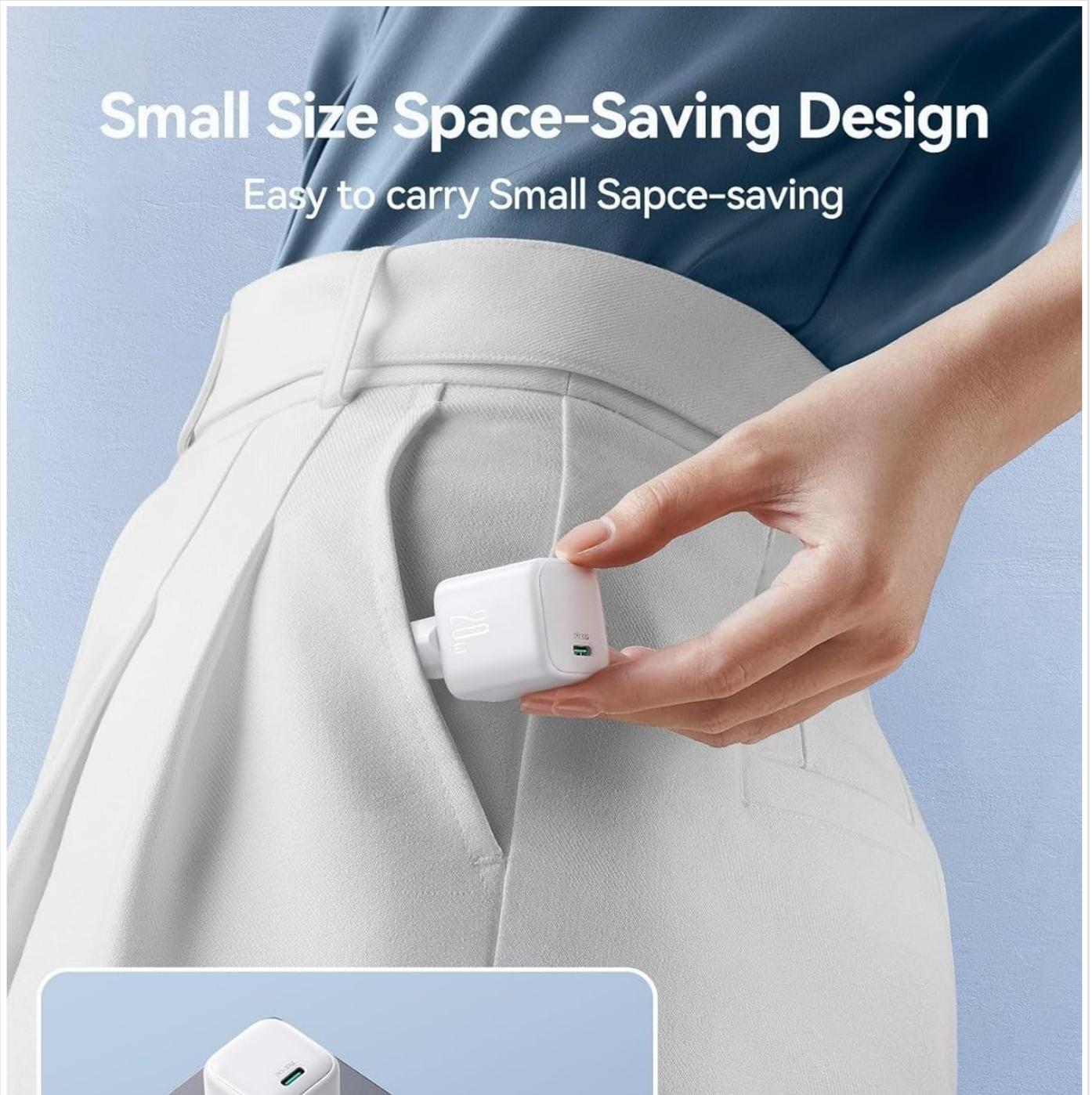
Image: A diagram showing the internal GaN chip technology, indicating lower consumption, higher efficiency, faster charging, and smaller size.

To ensure the longevity and optimal performance of your charger, follow these maintenance guidelines:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **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.
- **Cable Management:** Do not bend or crimp the charging cable excessively, as this can damage the internal wires.

Small Size Space-Saving Design

Easy to carry Small Sapce-saving



3CM,
Smaller than a camera lens

Image: A hand holding the compact Joyroom JR-TCG08 charger, illustrating its small, space-saving design.

Fast Charge Your iPhone

Supports PD & QC3.0 protocols,
superfast charging speed



Image: The Joyroom JR-TCG08 charger in use, showing its compact form factor when plugged into a wall outlet.

TROUBLESHOOTING

If you encounter issues with your Joyroom JR-TCG08 charger, refer to the following common problems and solutions:

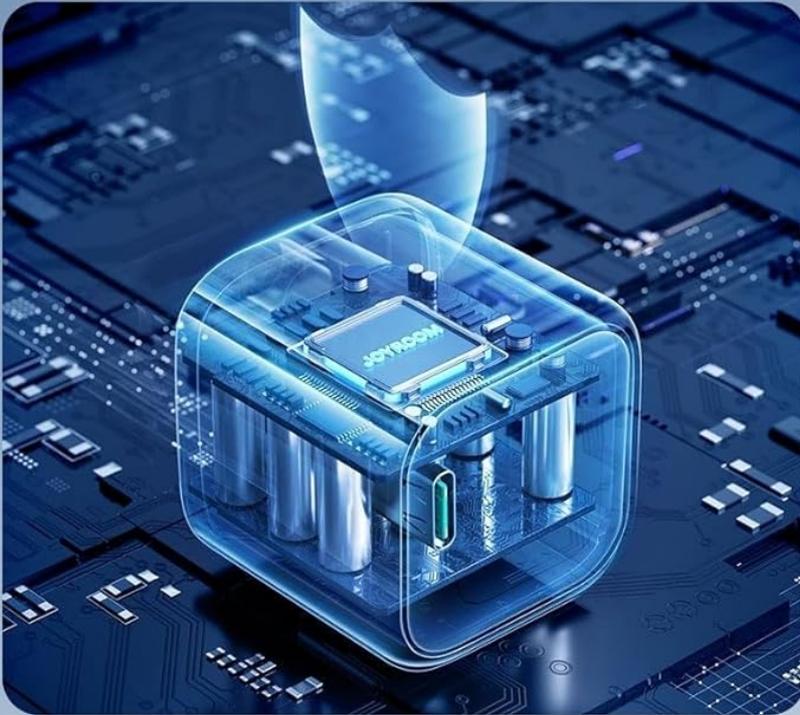
Problem	Possible Cause	Solution
Device not charging.	Charger not properly plugged in. Faulty charging cable. Device incompatibility.	Ensure the charger is securely plugged into a live power outlet. Try a different charging cable. Verify your device supports USB-C Power Delivery or Quick Charge 3.0.
Slow charging.	Non-fast charging cable. Device not supporting fast charge protocols. High background usage on device.	Use a high-quality USB-C cable designed for fast charging. Confirm your device supports PD or QC 3.0. Close unnecessary applications on your device.
Charger feels warm.	Normal operation during fast charging. Overload or poor ventilation.	A slight warmth is normal. If it becomes excessively hot, disconnect immediately. Ensure adequate ventilation around the charger.

Safe Charging, Less Heat



Image: The Joyroom JR-TCG08 charger depicted with ice cubes, illustrating its low heat generation during operation.

Smart Chip, Safer Charging



Over-current protection



Over-voltage protection



Over-temperature protection



Short-circuit protection



Anti-static protection



Case fireproof protection



Image: A visual representation of the charger's smart chip and its six safety protections: over-current, over-voltage, over-temperature, short-circuit, anti-static, and fireproof protection.

SPECIFICATIONS

Feature	Detail
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Feature	Detail
Brand	Joyroom
Model Number	JR-TCG08
Connectivity Technology	USB
Connector Type	USB 3.0 (USB-C port)
Compatible Devices	Tablets, Smartphones (e.g., Apple iPhone 11 Pro Max, iPhone 12, iPhone 13, iPhone 7, iPhone 7 Plus, iPhone 8, iPhone X, iPhone XR, iPhone XS, iPhone XS Max)
Special Features	Fast Charging (PD & QC 3.0 support), GaN Technology, 6-point Safety Protection
Color	White
Input Voltage	240 Volts
Total USB Ports	1 (USB-C)
Power Output	20 Watts
Output Current	2.5 Amps (Max)
Output Voltage	5 Volts (Variable with PD/QC)
Power Source	Corded Electric
Current Rating	3 Amps
Main Power Connector Type	2 Pin (European Standard)
Portable	Yes
Materials	Polycarbonate
Item Weight	44.8 grams
Certifications	BIS Compliant

WARRANTY AND SUPPORT

Warranty Information:

This Joyroom product comes with a standard 12-month warranty from the date of purchase. This warranty covers manufacturing defects and material faults under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

Customer Support:

For technical support, warranty claims, or general inquiries, please contact Joyroom customer service through their official website or the retailer where the product was purchased. Please have your model number (JR-TCG08) and proof of purchase ready when contacting support.

You can visit the Joyroom store for more information: [Joyroom Official Store](#)

