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› ELEGRP 30W USB C GaN Charger Cube User Manual - Model AC30S

ELEGRP AC30S

ELEGRP 30W USB C GaN Charger Cube User Manual

Model: AC30S

INTRODUCTION

Thank you for choosing the ELEGRP 30W USB C GaN Charger Cube. This manual provides important information regarding the safe and efficient use of your new charger. Please read it thoroughly before use and retain it for future reference.

The ELEGRP 30W USB C GaN Charger Cube is a compact and powerful charging solution designed for a wide range of devices, including smartphones, tablets, and other USB-C compatible electronics. Featuring advanced GaN technology, it delivers fast and efficient charging in a small, portable form factor.

PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x ELEGRP 30W USB C Charging Station
- 1 x User Manual (this document)

SAFETY INSTRUCTIONS

To ensure safe operation and prevent damage, please observe the following safety precautions:

- 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.
- Use only with compatible devices and cables.
- Avoid dropping or subjecting the charger to strong impacts.
- Unplug the charger during lightning storms or when unused for extended periods.
- Ensure the wall outlet is easily accessible for disconnecting the charger.

SETUP

Setting up your ELEGRP 30W USB C GaN Charger Cube is straightforward:

1. **Unfold the Plug:** Gently pull out the foldable prongs from the charger body until they lock into place.



The ELEGRP 30W USB C GaN Charger Cube with its foldable plug ready for use.

2. **Connect to Power:** Insert the charger into a standard wall outlet (AC 100-240V, 50/60Hz).
3. **Connect Your Device:** Use a compatible USB-C charging cable (not included) to connect your device to the USB-C port on the charger.

FAST CHARGING FOR THE IPHONE 14 SERIES

iPhone / iPad / AirPods



The ELEGRP 30W USB C GaN Charger Cube connected to a wall outlet, charging a smartphone.

4. **Begin Charging:** Your device should begin charging automatically. The charger supports Power Delivery (PD) for fast charging compatible devices.

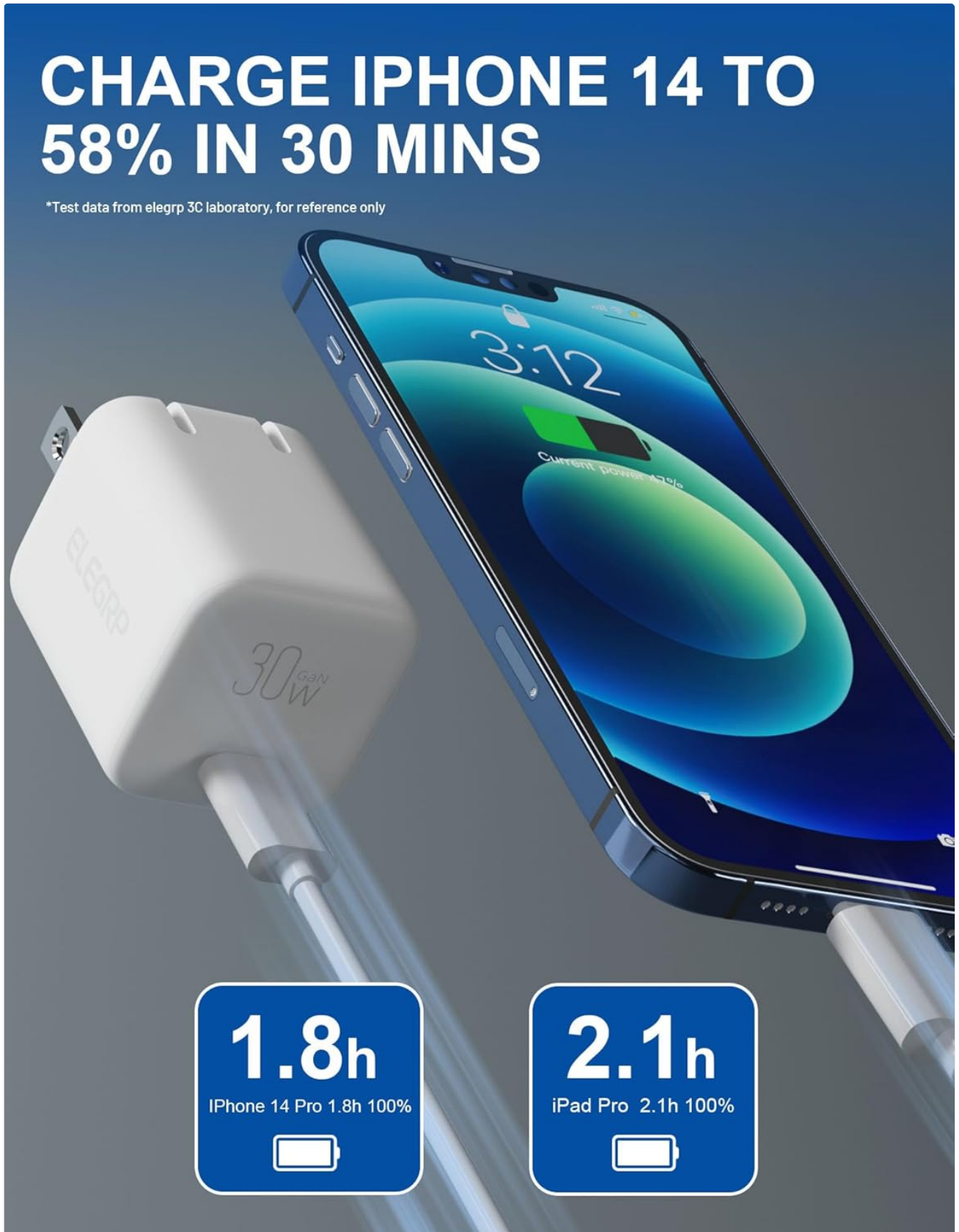
OPERATING INSTRUCTIONS

The ELEGRP 30W USB C GaN Charger Cube is designed for simple plug-and-play operation:

- **Fast Charging:** For optimal fast charging, ensure your device and charging cable support USB Power Delivery (PD). This charger can charge an iPhone 14 from 0% to 58% in approximately 30 minutes with a compatible USB-C to USB-C cable.

CHARGE IPHONE 14 TO 58% IN 30 MINS

*Test data from elegrp 3C laboratory, for reference only



1.8h
iPhone 14 Pro 1.8h 100%

2.1h
iPad Pro 2.1h 100%

Illustration of the charger's fast charging performance for an iPhone 14.

- **Universal Compatibility:** This charger is compatible with a wide range of devices including iPhone 14/13/12/11 series, XS/XR/X, iPad, Pixel, Galaxy, and more, provided they use a USB-C charging port or a USB-C to Lightning cable.

- **Automatic Protection:** The charger features built-in safeguards against over-current, over-voltage, over-temperature, short-circuit, and lightning. It intelligently monitors and manages power to protect your devices.

MULTI SAFE PROTECTION



-  Input Overcurrent Protection
-  Output Overcurrent Protection
-  Over Voltage Protection
-  Over Temperature Control
-  Lightning Protection
-  Short Circuit Protection



Visual representation of the multi-safe protection features integrated into the charger.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your charger:

- **Cleaning:** Disconnect the charger from the power outlet before cleaning. Use a soft, dry cloth to wipe the surface. Do not use liquid cleaners or aerosols.
- **Storage:** When not in use, fold the prongs for compact storage. Store the charger in a cool, dry place away from direct sunlight and moisture.

SPACE-SAVING

Smaller
60%

Compared to an original 30W charger



The compact design and foldable plug of the charger make it easy to store and carry.

- **Cable Care:** Avoid bending or twisting charging cables excessively, as this can damage them and affect charging performance.

TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device not charging.	<ul style="list-style-type: none">Loose connection.Faulty cable.Incompatible device.Power outlet issue.	<ul style="list-style-type: none">Ensure the charger is firmly plugged into the wall and the cable is securely connected to both the charger and your device.Try a different USB-C cable.Verify your device is compatible with USB-C charging.Test the outlet with another device or try a different outlet.
Slow charging.	<ul style="list-style-type: none">Cable does not support fast charging.Device does not support fast charging.High background app usage on device.	<ul style="list-style-type: none">Use a high-quality USB-C cable that supports Power Delivery (PD).Confirm your device supports PD fast charging.Close unnecessary applications on your device during charging.
Charger feels warm.	Normal operation during high power output.	This is normal. The charger is designed with over-temperature protection. If it becomes excessively hot, it will automatically reduce power or shut down. Ensure adequate ventilation.

SPECIFICATIONS

Feature	Detail
Brand	ELEGRP
Model Number	AC30S
Wattage	30W
Connector Type	USB-C
Input Voltage	100-240V~50/60Hz
Output Voltage	5 Volts (DC) (Variable with PD)
Amperage	0.25 Amps (Input)
Special Features	Fast Charging (Power Delivery), Foldable Plug, GaN Technology, Short Circuit Protection, Over-Voltage Protection, Over-Temperature Protection, Over-Current Protection, Lightning Protection
Compatible Devices	Cellular Phones (iPhone, Pixel, Galaxy), iPad, and other USB-C compatible devices

Feature	Detail
Material	Thermoplastic Elastomer (TPE)
Dimensions (Approx.)	38mm x 31mm x 31mm (1.5" x 1.22" x 1.22")

WARRANTY AND SUPPORT

Warranty: This ELEGRP product is covered by a 1-year warranty from the date of purchase. This warranty covers manufacturing defects and workmanship under normal use.

Exclusions: The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

Customer Service: For warranty claims, technical support, or any questions regarding your ELEGRP 30W USB C GaN Charger Cube, please contact ELEGRP customer service. Refer to the contact information provided on the product packaging or the official ELEGRP website for the most up-to-date support details.

You can also visit the [ELEGRP Store on Amazon](#) for more information.