

# cubene**st**

## User manual

### PD GaN Adapter 65W Cubenest S3D0



### Package contents:

- 1× PD GaN Adapter 65W S3D0
- 1× USB-C to USB-C cable 1m
- 1x User Manual



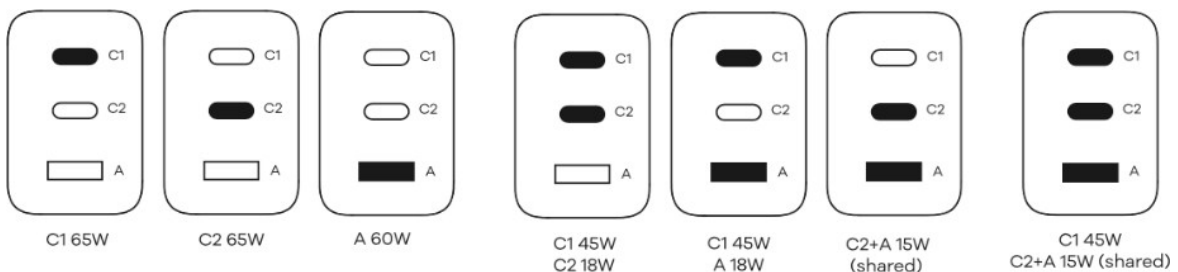
# 1. Device Description

Cubenest S3D0 is a powerful and compact USB adapter with **GaN** technology for fast and safe charging **up to 65 W**. It offers three outputs - **2× USB-C and 1× USB-A** - for simultaneous charging of multiple devices. Ideal for laptops, tablets, phones and accessories at home, in the office and on the go.

## Product Specifications:



- **Protection:** surge, short circuit, thermal and current.
- **Model:** S3D0
- **Total power:** 65 W
- **Supports technologies:**
  - PD 3.0, PD2.0, PPS, QC4.0+, QC 3.0, QC2.0, DCP, FCP, SCP, AFC, Apple 2.4, Samsung 2.0, BC1.2, PE2.0, PE1.1
- **Ports:**
  - 2× USB-C
  - 1× USB-A
- **Fast charging parameters:**
  - Input: AC 100-240V~50/60Hz 1.5A
  - USB-C1 output power: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
  - USB-C2 Output Power: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A
  - USB-A output power: 3.4-5.5V/5A, 5/3A, 9V/3A, 12V/3A, 20V/3A
- **Charging multiple devices simultaneously**
  - The adapter allows you to charge **three** devices simultaneously.
  - When multiple devices are connected, the power is divided between the ports.
  - To achieve maximum power on a particular port, we recommend connecting fewer devices.
- **Wiring diagram:**



## 2. Instructions for use





### Step 1: Connect the adapter to the power supply

1. Connect the power cord to the adapter.
2. Plug the adapter into an electrical outlet (100-240 V AC).

### Step 2: Connect the device to the adapter


1. Select the appropriate port (USB-C or USB-A) according to your device.
  2. Connect the device using a compatible cable.
  3. The adapter will automatically detect the connected device and **adjust the** output power.
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## 3. Safety instructions


-  **USE** only high-quality, certified and undamaged cables.
  -  **ENSURE** adequate **ventilation of** the adapter during operation.
  -  **DO NOT expose** the adapter **to** extreme temperatures, humidity or direct sunlight.
  -  **PROTECT** the adapter from water and other liquids.
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## 4. Frequently Asked Questions (FAQ)


### ? What devices can I charge with this adapter?

 The adapter supports charging laptops (MacBook, Dell, HP, Lenovo), tablets, phones (iPhone, Samsung, Xiaomi, etc.), game consoles (Nintendo Switch), headphones, power banks and other devices with USB-C or USB-A connector.


### ? Can I use the adapter abroad?

 Yes, the adapter supports a wide input voltage range of 100-240V, so you can use it anywhere in the world. If you're travelling, all you need is the correct adapter for your country's power outlet.

### ? How do I know if my device supports fast charging?

 Check the specifications of your device. If it supports USB Power Delivery (PD) 3.0 or 3.1, Quick Charge (QC) 4.0+ or another fast charging standard, it will charge at a higher rate.

### ? Can I charge devices that do not support fast charging with this adapter?

 Yes, the adapter automatically adjusts the power output to the needs of the connected device, so it's safe to charge older or less powerful devices.

**? What is the difference between the USB-C and USB-A ports on this adapter?**

✓ USB-C ports support higher power (max 65W) and fast charging (PD 3.1).

USB-A ports have lower power (max 60W) but are suitable for older devices such as some phones, headphones or power banks.

**? What is the maximum output power per port?**

✓ USB-C 1 and USB-C 2: up to

65W ✓ USB-A: up to 60W

**? What is the total output power of the adapter?**

✓ The total power is 65 W, which is dynamically distributed among the connected devices.

**? What is the length of the power cord?**

✓ 1m USB-C to USB-C cable with 240W power support.

**? What is the difference between S3D0 and S3D1?**

✓ S3D1 includes plugs for sockets from all over the world - EU, US, UK, AU.

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## 5. Troubleshooting the most common problems

### 1. Device not charging / adapter not responding

- **Explanation:** the adapter may not be plugged in correctly, the cable may be damaged or the device does not support the charging protocol.
- **Solution:**
  - Make sure the adapter is firmly inserted in the socket.
  - Try a different USB-C cable.
  - Make sure your device supports Power Delivery (PD) or compatible protocols.
  - Try a different port.

### 2. Slow charging

- **Explanation:** possible causes are using an inappropriate cable, power sharing with multiple devices plugged in, or the device itself limiting charging power.
- **Solution:**
  - Use a genuine or quality cable with 65W PD support.
  - If you are charging multiple devices simultaneously, unplug the others and try charging only one.
  - Make sure your device supports fast charging.

### 3. **The adapter gets hot**

- **Explanation:** heating is common with GaN adapters at high power - GaN (Gallium Nitride) technology handles higher temperatures better than conventional adapters.
- **Solution:**
  - Ensure sufficient ventilation around the adapter.
  - Avoid using the adapter in enclosed or hot areas.
  - Heating is normal unless it is extreme (over 60°C on the surface).

### 4. **USB-A port does not work with some devices**

- **Explanation:** some newer phones/tablets are optimized for USB-C and may be less compatible with USB-A.
- **Solution:**
  - Use the USB-C port if the device allows it.
  - Try a different cable or device to verify port functionality.


### 5. **LED light is not on**

- **Explanation:** the adapter may not be energized or an overload/protective disconnect may have occurred.
- **Solution:**
  - Verify the functionality of the outlet.
  - Try the adapter on another outlet.

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## Technical Support

 **E-mail:** [complaint@cubenest.eu](mailto:complaint@cubenest.eu)

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## Warranty and Complaints

- This product is covered by a 24 month warranty.
- In the event of a defect, please complete our claim form - <https://www.cubenest.eu/find-out-about/claim-and-complaint>