

# cubenest

## User manual

### Cubenest PowerCube Rewirable USB PD 20W



#### Package contents:

- 1× Cubenest PowerCube Rewirable USB PD 20W
- 4x Travel plug connectors (EU, US, UK, AU/CN)
- User Manual

## 1. Device Description

**Cubenest PowerCube Rewirable USB A+ C PD 20 W** is an innovative charging cube that combines **4 AC outlets** and **two USB ports** (USB-A and USB-C) with intelligent PD technology up to **20 W**. With interchangeable world plugs (EU, US, UK, AU/CN), it can be easily adapted to different types of outlets when traveling or using at home.

### Product Specifications:

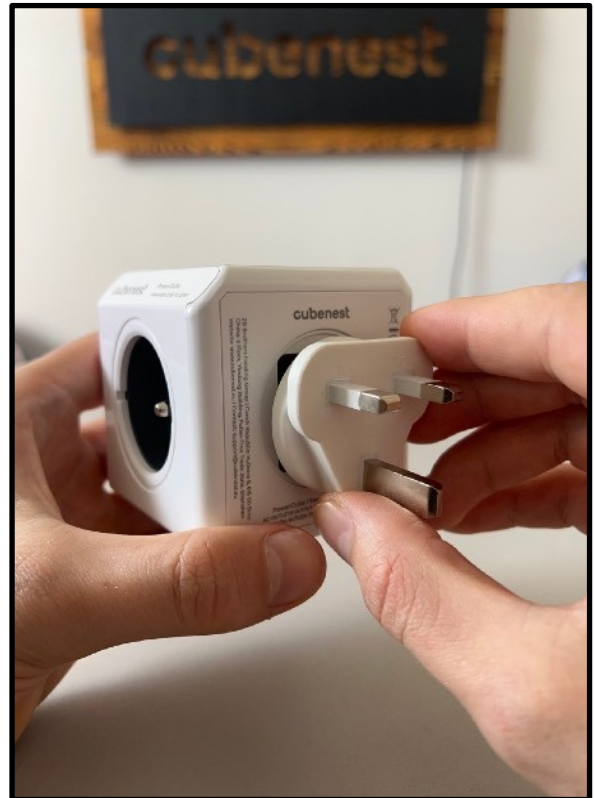


- **Model.**
- **Protection:** surge, short circuit, thermal, current
- **Output power of sockets:** max 16A/250V~3680W/50-60Hz
  - **USB-C output power:** 5V/3A, 9V/2.22A, 12V/1.67A
  - **USB-A output power:** 5V/3A, 9V/2A, 12V/1.5A
  - **Output power USB-A+ USB-C:** 5V/3.1A
- **Material:** ABS
- **Childproof fuse**
- **Number of sockets:** 4
- **USB ports:** 1x USB-A, 1x USB-C
- EU, US, UK, AU/CN
- **Supports fast charging technology**
  - PD 3.0, PD2.0, PPS
  - QC4.0+, QC3.0, QC2.0
  - DCP, FCP, SCP, AFC
  - Apple 2.4, Samsung 2.0
  - BC1.2, PE2.0, PE1.1



## 2. Instructions for use

1. Select the desired travel tip and insert it into the IEC socket.



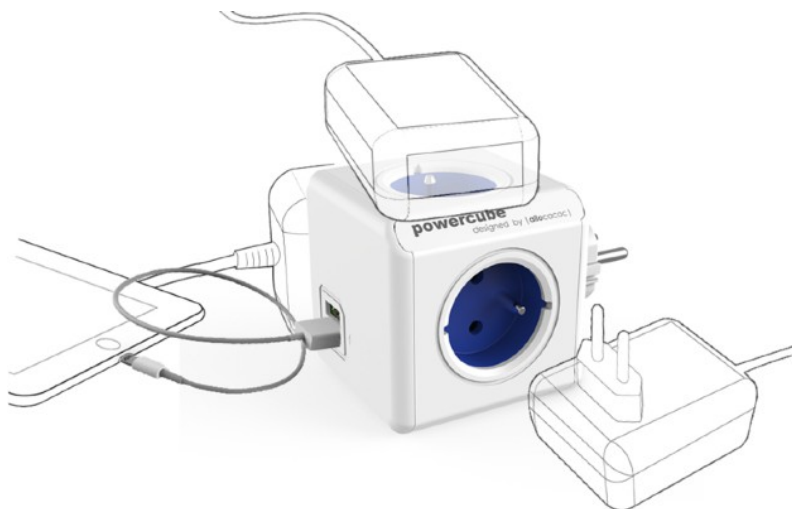
2. To pull out the travel tip, press the latch and pull out the travel tip.



3. Connect the PowerCube to the electrical outlet.
4. Plug the device into the Powercube outlet.



- Thanks to the clever design, you can combine sockets and USB ports as you need them.



### 3. Safety instructions

- ⚠ Do not cover the device and protect it from moisture.
  - ⚠ The device is not intended for use in humid environments.
  - ⚠ The recommended operating temperature is up to **25 °C (77 °F)**, but short-term use is possible up to **35 °C (95 °F)**.
  - ⚠ Connecting multiple PowerCube units **is not recommended**. Although it is technically possible to combine **PowerCube Original** and **PowerCube Extended/Rewirable** models, for safety reasons it is always advisable to use only one unit separately. Connecting multiple outlets can **overload the mains** and exceed the maximum power input of **2500 W**, which can lead to **overheating or damage equipment**. Always use the PowerCube separately for safe operation.
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### 4. Frequently Asked Questions (FAQ)

#### ? How many outlets and ports does the PowerCube offer?

- ✅ The PowerCube Rewirable has four traditional power outlets and one dedicated space for a USB-A and USB-C port.

#### ? Can I plug in bulky adapters without blocking others?

- ✅ Yes, thanks to the thoughtful placement of the sockets, the adapters do not cover other outlets, allowing full use of all sockets.

#### ? What is the maximum load capacity?

- ✅ It supports a **maximum of 16 A / 250 V**, i.e. a power output of up to **3680 W**.

#### ? Is the product safe for households with children?

- ✅ Yes, it includes a **child safety fuse**, is **earthed**, has durable **ABS plastic** and has passed certification and safety tests.

#### ? In what environments is it suitable?

- ✅ It's suitable for **the office, living room, children's room and kitchen** - anywhere you need to power multiple devices at once in a clear and safe manner.

#### ? How award-winning is its design?

- ✅ It has won the **Red Dot Design Award**, a recognised international award for design excellence.

#### ? In which countries can I use the PowerCube Rewirable with interchangeable plugs?


- ✅ The PowerCube Rewirable USB A+C PD 20W includes interchangeable plugs for use in over 150 countries. The package includes adapters for:

- **Europe (Type C/E/F)**
- **UK (Type G)**

- **USA, Canada, Japan (Type A/B)**
- **Australia, New Zealand, China (Type I)**

This makes the PowerCube the ideal choice for travel - it adapts to most common sockets around the world. Always check the local standard and voltage in your country before use.

### **? Can I connect multiple PowerCube units to each other?**

 Interconnecting multiple PowerCube units **is not recommended**. Although it is technically possible to connect **PowerCube Original/Rewirable** and **PowerCube Extended** models, for safety reasons it is advisable to use only **one unit separately**. When combining multiple outlets, the **maximum power consumption of 2500 W** can easily be **exceeded**, increasing the risk of **overloading, overheating or damaging the equipment**. For safe operation, we recommend not to reconnect the PowerCube.

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## **5. Solving the most common problems**

### **1. Some sockets don't work**

- **Possible cause:** the socket is not properly connected to the mains or is internally damaged.
- **Solution:**
  - Check that the PowerCube is properly plugged into a working outlet.
  - Try another appliance to verify the outlet is functional.

### **2. PowerCube is heating up**

- **Possible cause:** prolonged loading with high power devices (e.g. kettle, heater).
- **Solution:**
  - Check that the total power does not exceed 3680 W.
  - Avoid connecting several powerful appliances at the same time.
  - Do not use the product if the heating is repeated even at low load.

### **3. The sockets are tight - it is difficult to insert the fork into them**


- **Possible cause:** the new product has a tighter protection mechanism due to the child lock.
- **Solution:**
  - When using for the first time, the fork must be inserted straight and more firmly.
  - After a few uses, the mechanism will loosen slightly and handling will be easier.

### **4. Incompatible with sockets without earthing (e.g. older wiring)**

- **Possible cause:** the PowerCube requires a **grounded socket**.
- **Solution:**
  - Use only in standard outlets with protective pin or side contacts.
  - Do not use with reducers that bypass grounding.

## Technical support

 **E-mail:** podpora@cubenest.cz

 +420 704 613 961 **Phone.**

## Warranty and Claims

- This product is covered by a 24-month warranty.
- In the event of a defect, please complete our [warranty claim form](#).