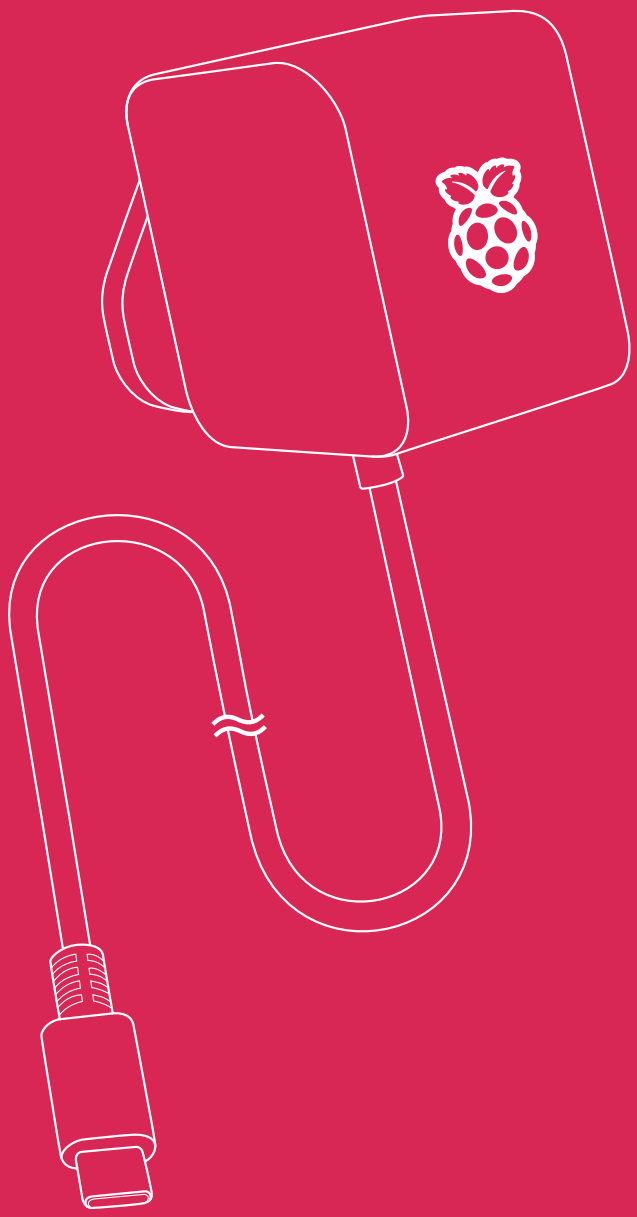
EN: This Datasheet/Document is presented by the manufacturer.

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Raspberry Pi
45W USB-C Power Supply

Published April 2025



Raspberry Pi Ltd

Overview



The Raspberry Pi 45W USB-C Power Supply is an ideal power supply for USB-C powered Raspberry Pi products. It is especially suitable for Raspberry Pi 5 users who wish to drive high-power peripherals, such as hard drives and SSDs.

Delivering a maximum of 5.1V, 5A, it supports USB PD (Power Delivery) negotiation, so Raspberry Pi 5 can communicate with it and select the most appropriate power profile. This enables Raspberry Pi 5 to increase the USB current limit automatically from the default 600mA to 1.6A, in order to provide extra power for devices connected to the four Type A USB ports.

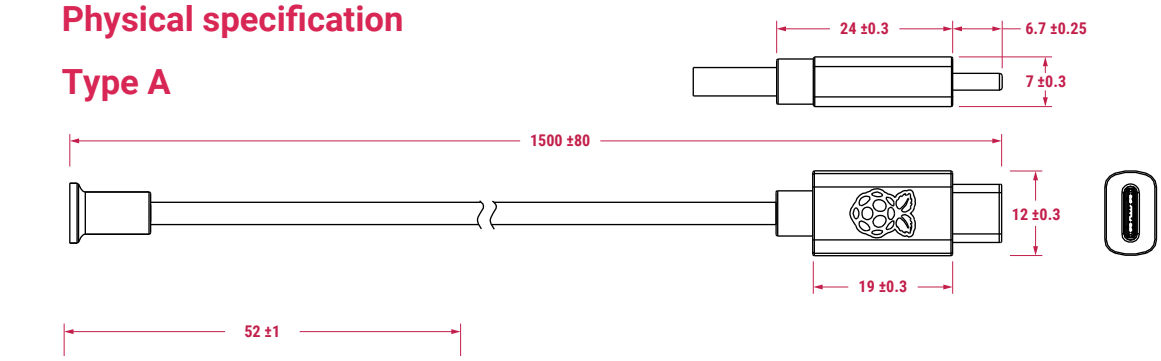
An extended range of built-in power profiles mean the Raspberry Pi 45W USB-C Power Supply is also an excellent option for powering third-party PD-compatible products such as smartphones, tablets and laptop computers. The available profiles are 9V, 5A; 12V, 3.75A; 15V, 3A; and 20V, 2.25A, all limited to a maximum of 45W.

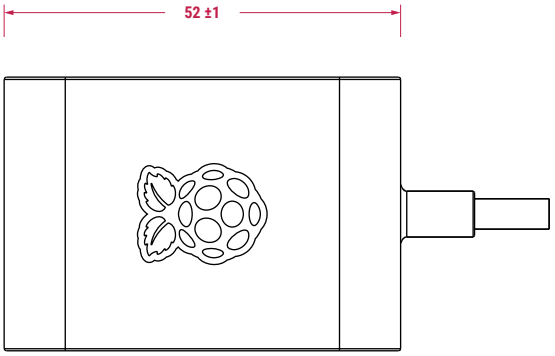
Specification

Input:	100 – 240Vac
Output:	5.1V, 5.0A; 9.0V, 5.0A; 12.0V, 3.75A; 15.0V, 3.0A; 20.0V, 2.25A (Power Delivery)
Connector:	USB-C
Cable:	1.5m 17AWG, white
Plug types:	• US, Canada (type A) • Europe (type C) • India (type D) • UK (type G) • Australia, New Zealand (type I)
Production lifetime:	The Raspberry Pi 45W USB-C Power Supply will remain in production until at least January 2035
Compliance:	For a full list of local and regional product approvals, please visit pip.raspberrypi.com
List price:	**$15**

Physical specification

Type A





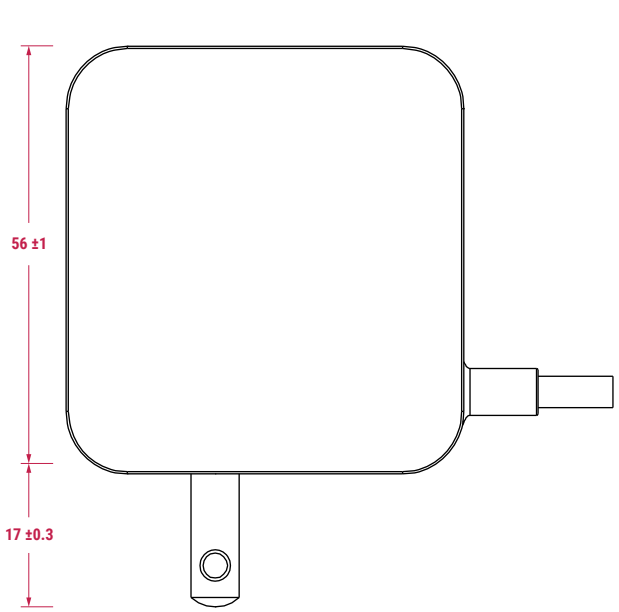
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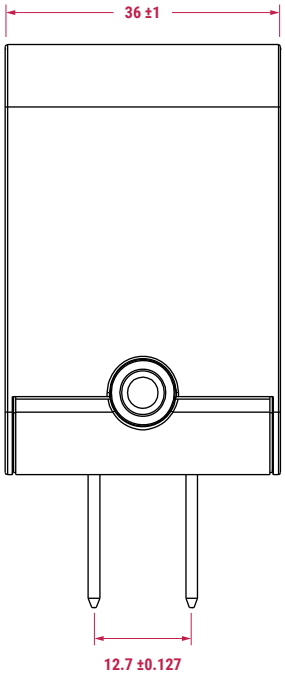
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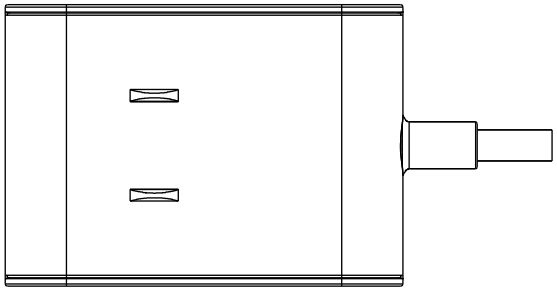
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The dimensions are subject to part and manufacturing tolerances

Dimensions may be subject to change

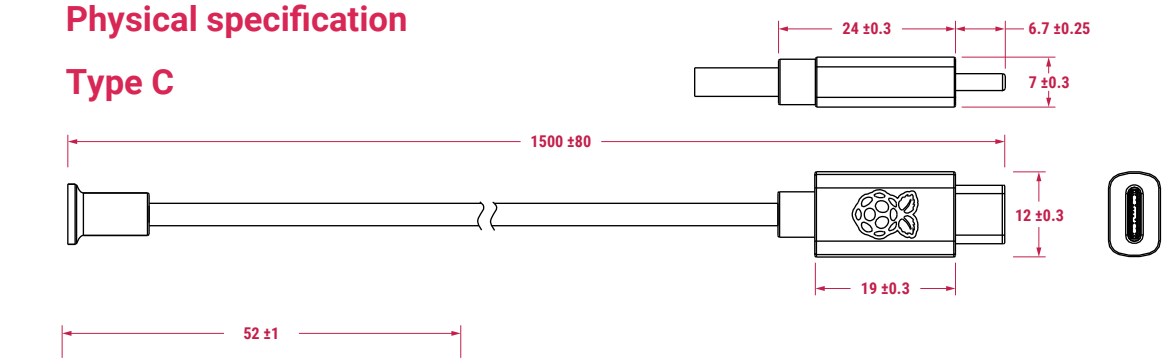


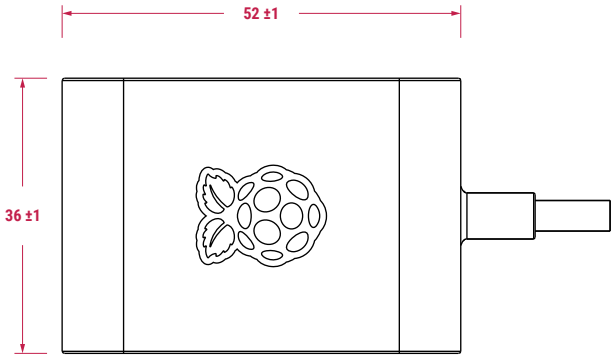




Physical specification

Type C





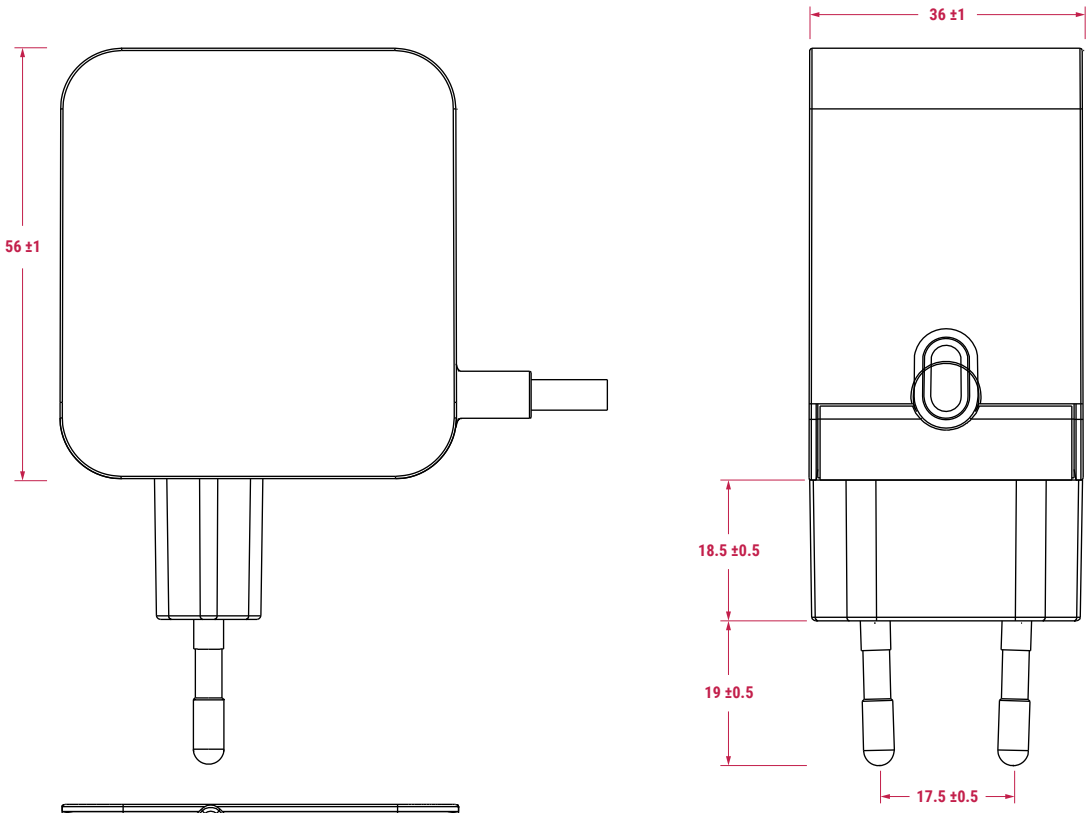
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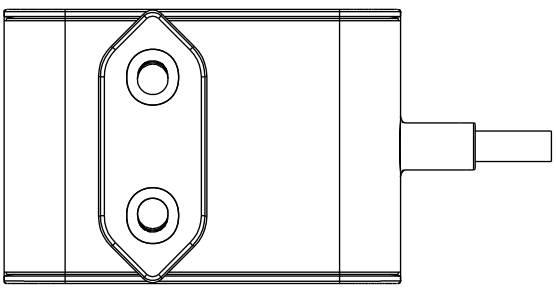
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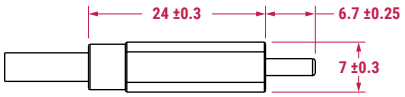
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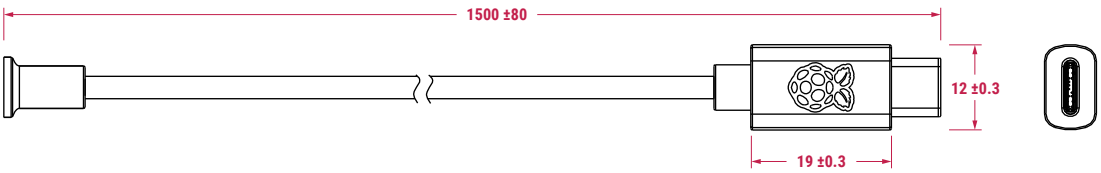


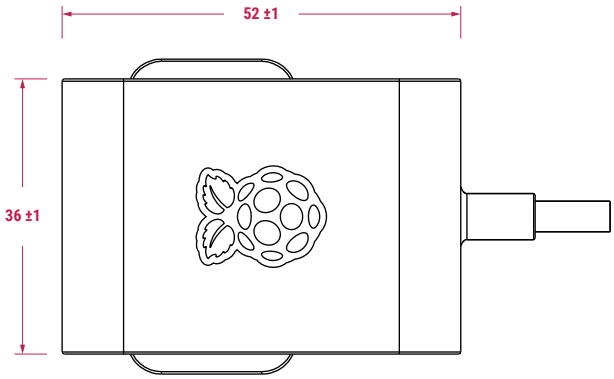


Physical specification

Type D







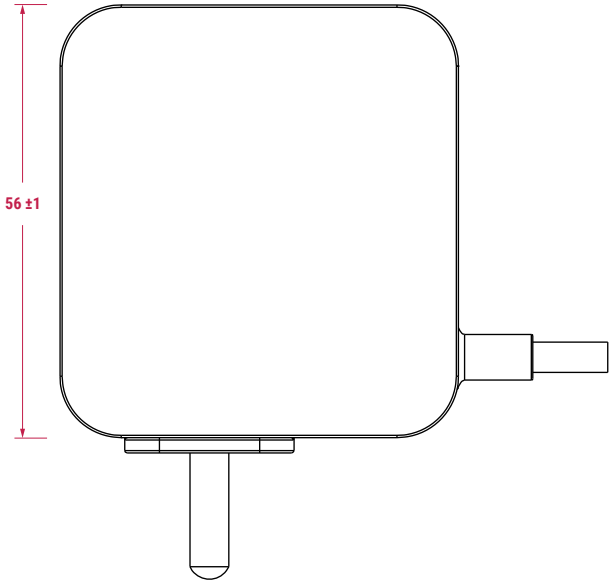
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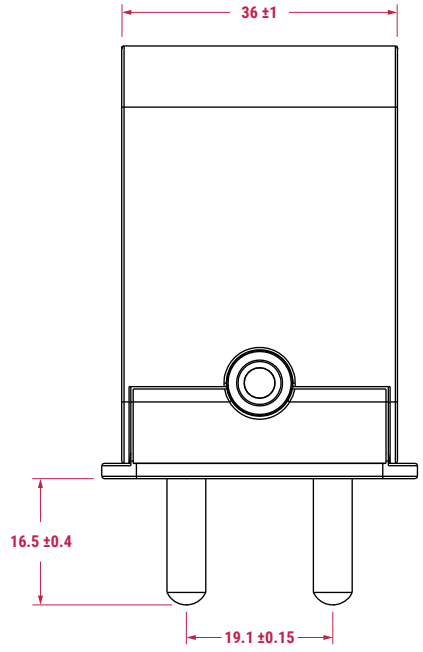
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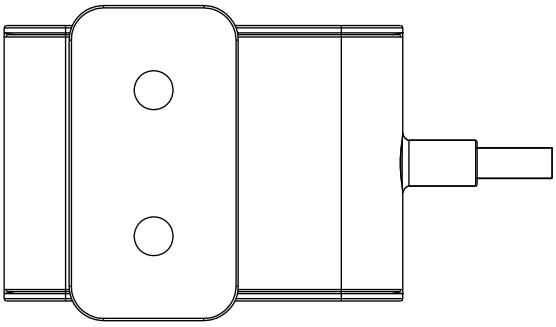
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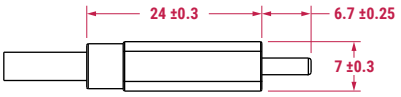


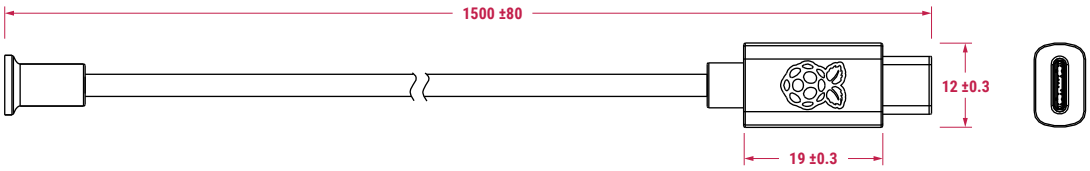


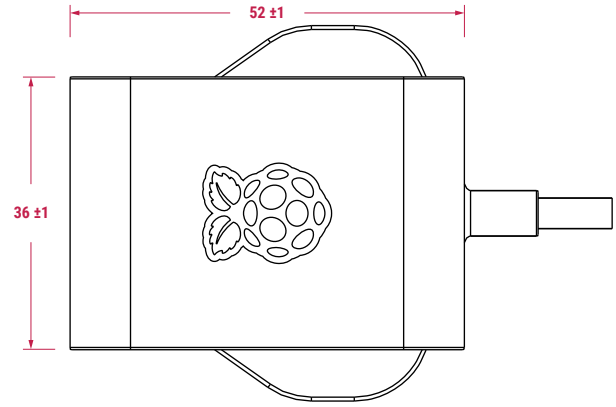


Physical specification

Type G







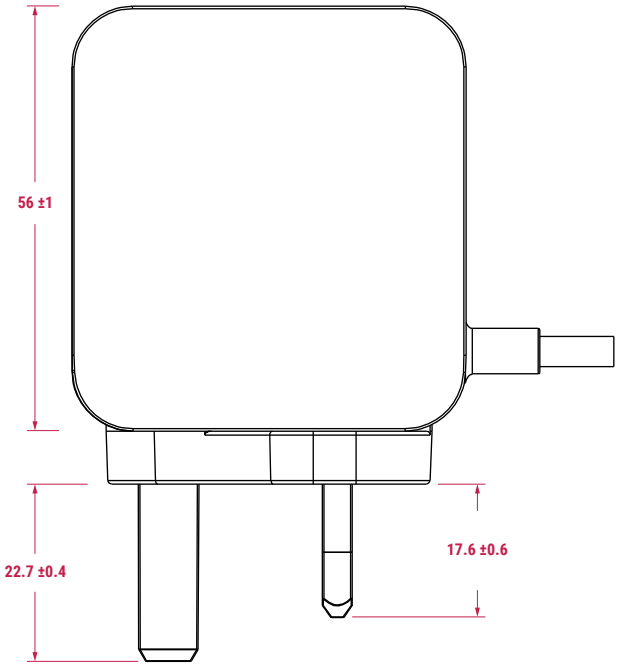
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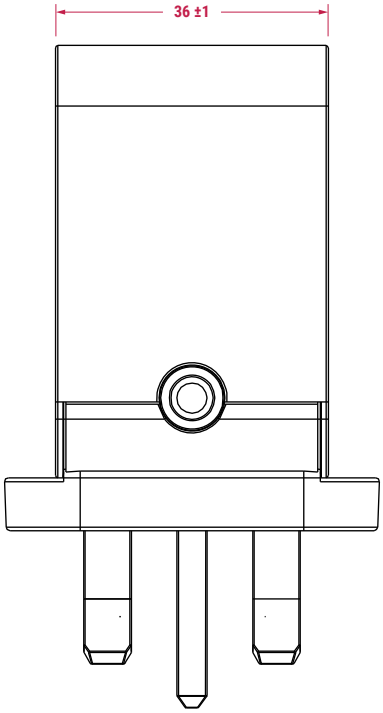
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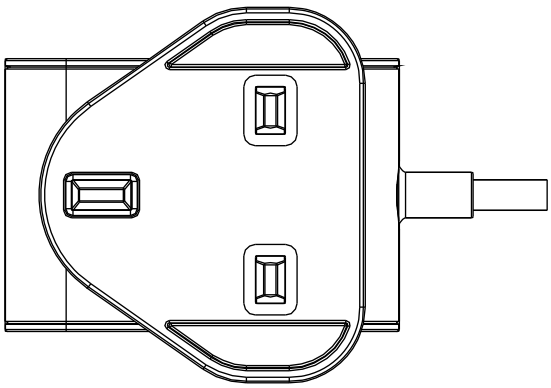
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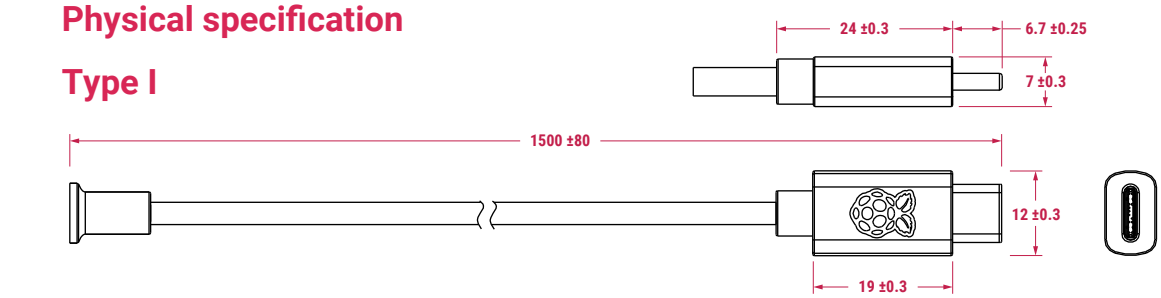


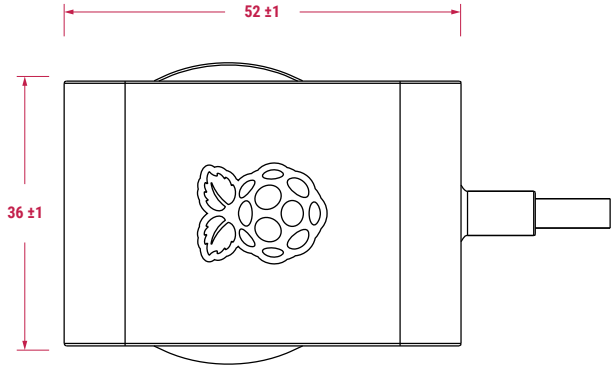




Physical specification

Type I





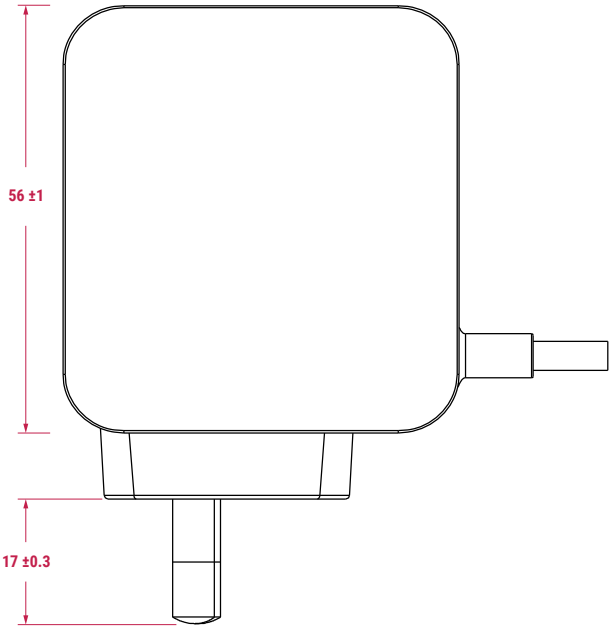
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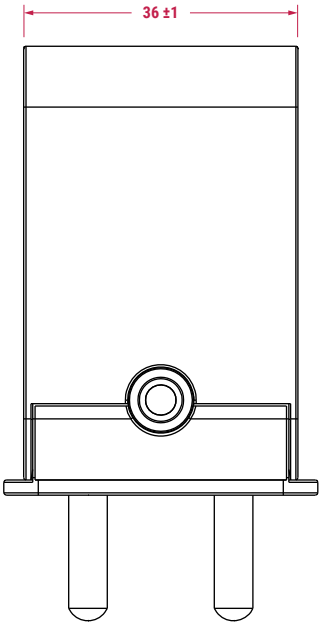
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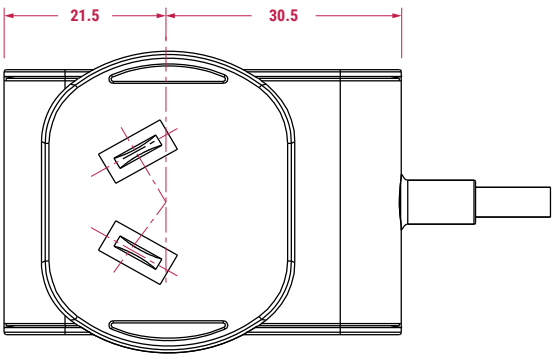
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WARNINGS

- The connection of incompatible devices to this power supply may affect compliance, result in damage to the unit, and invalidate the warranty.
- Do not expose to water or moisture.
- Do not attempt to open or remove the power supply case.





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