Raspberry Pi 15.3W
USB-C Power Supply
Overview

The official Raspberry Pi USB-C power supply is designed to power the latest Raspberry Pi 4 Model B computers, which were released in June 2019.

Featuring a captive USB-C cable, the power supply is available in four different models to suit different international power sockets, and in two colours, white and black.
## Specification

### Output
- **Output voltage:** +5.1V DC
- **Minimum load current:** 0A
- **Nominal load current:** 3.0A
- **Maximum power:** 15.3W
- **Load regulation:** ±5%
- **Line regulation:** ±2%
- **Ripple & noise:** 120mVp-p
- **Rise time:** 100ms maximum to regulation limits for DC outputs
- **Turn-on delay:** 3000ms maximum at nominal input AC voltage and full load
- **Protection:** Short circuit protection, Overcurrent protection, Over temperature protection
- **Efficiency:** 81% minimum (output current from 100%, 75%, 50%, 25%) 72% minimum at 10% load
- **Output cable:** 1.5m 18AWG
- **Output connector:** USB Type-C

### Input
- **Voltage range:** 100-240Vac (rated) 96-264Vac (operating)
- **Frequency:** 50/60Hz ±3Hz
- **Current:** 0.5A maximum
- **Power consumption (no load):** 0.075W maximum
- **Inrush current:** No damage shall occur and the input fuse shall not blow
## Plug styles

<table>
<thead>
<tr>
<th>Part number</th>
<th>Colour</th>
<th>Plug Style</th>
<th>Plug Type</th>
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<td>White</td>
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</tbody>
</table>

### Environment

Operating ambient temperature 0–40°C

### Compliance

For a full list of local and regional product approvals, please visit

Physical Specifications

KSA-15E-051300HA

Note: all dimensions in mm

KSA-15E-051300HE

Note: all dimensions in mm
Raspberry Pi 15.3W USB-C Power Supply
**WARNINGS**

- This product should be operated in a well-ventilated environment.
- The connection of incompatible devices to this power supply may affect compliance, result in damage to the unit and invalidate the warranty.

**SAFETY INSTRUCTIONS**

To avoid malfunction or damage to this product please observe the following:

- Do not expose to water or moisture, or place on a conductive surface whilst in operation.
- Do not expose to heat from any source; this is designed for reliable operation at normal ambient room temperatures.
- Do not attempt to open or remove the power supply case.