

Delock USB GaN Charger 1 x USB Type-C™ PD 3.1 with 140 W

Description

This USB charger by Delock can be used to charge a USB devices. The port is equipped with a USB Type-C™ Power Delivery (PD 3.1), thereby supported devices can be charged with up to 140 watt.

USB-PD Version 3.1

The USB PD 3.1 specification defines the voltage levels 28, 36 and 48 volts with support for Extended Power Range (EPR) with 5 amps each. Due to a calculated maximum power of 240 W (48 V / 5 A), other device classes can be supplied with power in addition to powerful laptops and desktop PCs. The Delock charger features an output power of 28 V and 5 A.

GaN technology

The use of GaN (gallium nitride) transistors increases efficiency compared to conventional silicon technology. Even with very compact dimensions a high output power can be achieved.

Note

For the EPR mode (28, 36, 48 V / 5 A), a USB cable with a corresponding E-marker is mandatory. If this E-marker is not available, max. 3 A are transmitted.

Corresponding cables by Delock are optionally available.



Item no. 41471

EAN: 4043619414710

Country of origin: China

Package: Retail Box

Technical details

- Connectors:
 - 1 x USB Type-C™ female
 - 1 x plug CEE 7/16
- Input: AC 100 ~ 240 V / 50 ~ 60 Hz / 2.0 A
- Output:
 - PD 3.1: 5.0 V / 9.0 V / 12.0 V / 15.0 V / 3.0 A, 20.0 V / 28.0 V / 5.0 A
- Output power: max. 140.0 W total
- Average active efficiency 89.75 %

- Efficiency at low load (10 %) 87.28 %
 - No-load power consumption 0.182 W
 - USB Power Delivery (PD) 3.1
 - Overload protection
 - Over current protection
 - Overheating protection
 - Short circuit protection
 - Colour: white
 - Dimensions without plug (LxWxH): ca. 113 x 75 x 35 mm
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Package content

- USB charger
 - USB Type-C™ to USB Type-C™ cable, length ca. 1 m
 - User manual
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Images



Physical characteristics

| | |
|-----------------|--------|
| Housing colour: | white |
| Length: | 113 mm |
| Width: | 75 mm |
| Height: | 35 mm |

Power supply

| | |
|------------|--------------------------------------------------------------------------------------------------------|
| Input: | AC 100 - 240 V / 50 - 60 Hz / 2.0 A |
| Output: | 5.0 V / 3.0 A 9.0 V / 3.0 A 15.0 V / 3.0 A 12.0 V / 3.0 A 20.0 V / 5.0 A 28,0 V / 5,0 A |
| Connector: | 1 x USB Type-C™ female |