

DATASHEET

65W 2x USB-C + USB-A Charger PD3.0 GaN QC3.0 Input: 100-240V~1.5A 50/60Hz, white



General data

This white 65 W USB charger from EFB-Elektronik ensures a fast and safe power supply for mobile devices with Power Delivery and Quick Charge (PD3.0, QC3.0). With 2x USB-C and 1x USB-A, it can be used flexibly in everyday life.

- GaN Technology – Efficient charging with less heat and high reliability.
- Intelligent charging via PD 3.0 & QC 3.0 – Optimally adapts the performance to the end device and supports gentle charging.
- Safe charging without risk – protection against overvoltage, overcurrent and short circuit.

The built-in gallium nitride technology reduces heat generation through increased efficiency. The two USB-C ports and the USB-A port supply compatible devices as needed. The integrated protection against overvoltage, overcurrent and short circuit increases operational safety. The USB-C power adapter is designed for an operating temperature of 0 to

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+40 °C.

Technical details

- Colour: white
- USB ports: 2x USB-C and 1x USB-A
- Max. power handling: 65 W
- Cable connection is compatible with all USB-C PD devices
- With surge protection
- With Over Current Protection (OCP)
- With protection against short circuits (SCP - Short Circuit Protection)
- Operating temperature: 0 - +40 °C
- Included in delivery: charger

Technical properties	
Cable connection on the device	All USB-C-PD-device
Cable included (Yes/No)	False
Certifications	CE&RoHS
Charging current	Output :C1/C2: 5V/9V 3A,12V/15V 3A,20V 3.25A A1 Output: 5V/3A,9V/2A,12V/1.5A C1+C2: 45W+20W=65W C1+A1:45W+18W=63W C2+A1: 5V/3A=15W C1+(C2+A1):45W+15W=60W
Colour	white
GaN technology (Yes/No)	True
Material	ABS+PC
Maximum load capacity	65 W
Operating temperature	-0 - +40 °C
Overvoltage protection	True
Safety systems / protection functions	CE&RoHS / ocp, ovp, scp
Scope of delivery	Charger
Storage temperature	-20 - +80 °C
Suitable for (country)	All countries
USB ports (number & type)	2xUSB-C & 1xUSB-A
Warranty	24 Months

Available variants							
ArtNr.	Bezeichnung	Frequency supply voltage	Height	High-speed battery charger	Length	Nominal voltage	Width

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G651A2CE	65W 2x USB-C + USB-A Charger PD3.0 GaN QC3.0 Input: 100-240V~1.5A 50/60Hz, white	50 - 60 Hz	31 mm	PD3.0 QC3.0	86 mm	100 - 240 V	48 mm
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Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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