

FINALLY STANDARD



As of December 28, 2024, a new EU regulation mandates USB-C as the universal charging standard for small electronic devices. This decision brings far-reaching effects and benefits.

The idea is not new. Uniformity was the idea behind USB way back in 1996. After all, the name gives the game away: Universal Serial Bus. It was meant to be a connection for all electronic devices. Widely used over the years, many consumer electronics manufacturers nevertheless came up with their own ideas. Technological advances also lead to a variety of versions. In addition to the USB-A connector, there was also the Mini-USB and Micro-USB connectors, while Apple developed its proprietary 30-Pin Dock and Lightning connectors. Older devices, on the other hand, used round barrel plugs. As a result, each device had its own charger or cable, making things less user friendly.

USB-C is a step in the right direction. For years now, more and more manufacturers have started using this plug. Following a decision by the European Parliament, USB-C became the mandatory charging standard at the end of 2024.

What is changing?

All small mobile devices with a charging power of up to 100 W that are sold in the EU may only be equipped with a USB-C connection for charging. This applies to mobile phones, tablets, digital cameras, headphones, headsets, portable video game consoles, e-readers, keyboards, mice and portable navigation devices. By spring 2026, this regulation will extend to laptops and notebooks as well, making USB-C the universal charging standard across nearly all consumer electronics. There is simply no way around USB-C!

More convenient to use

This standardisation could result in a reduction in electrical waste of up to 11,000 metric tons*. It is not only a win for the environment but also brings benefits to everyday life. It will mean that people no longer have to buy a separate charger for each device, as one charger can be used for them all. This reduces complexity, for example when you are travelling or if you use lots of different devices every day.

In contrast to the USB-A, Micro and Mini USB connection, the USB-C connector is symmetrical. The endless back and forth until the cable is plugged in the right way will now be a thing of the past. Devices will be charged faster and data transfers will take less time thanks to a higher transmission rate.

Just having one charger instead of two or three that have to be carried around every day? That sounds good! The USB-C standardisation makes our life easier: We can charge our smartphones, tablets and laptops with a standard connection. With the BACHMANN Next Generation USB-C Chargers, you can completely do without power supply units and mains adapters. The USB-C interfaces in a range of BACHMANN products ensure safe, fast charging for all devices.

*Source: www.bundesregierung.de