SC100 USB-C → XT60

USB-C → XT60 power cable, 1 m long
User manual



Read this entire manual before first use and keep it for future reference.

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1. Product description

1.1 What it is for

SC100 USB-C → XT60 is a one-metre power cable with a USB-C connector on one end and an XT60 connector on the other. It is used to power chargers with an XT60 DC input from USB-C power sources – for example a USB-C mains adapter or a power bank.

The USB-C power source must support the **PD** (Power Delivery) or **QC** (Quick Charge) fast-charging protocol. Support for these protocols is required so that the source can supply the charger with a voltage higher than the basic 5 V. Do not use this cable with a source that does not support PD or QC.



SC100 USB-C → XT60 cable

① USB-C connector – connects to the power source (adapter, power bank) with PD or QC support.

② XT60 connector – connects to the DC input of the charger.

1.2 Specifications and package contents

Parameter	Value
Product designation	SC100 USB-C → XT60
Input connector	USB-C
Output connector	XT60
Voltage	5–20 V
Current	max. 5 A
Supported protocols	PD2.0, PD3.0, QC2.0
Cable length	1 m
Package contents	1× cable

Not included in the package: power source (USB-C adapter or power bank), charger and batteries.

2. Use

2.1 What you will need

- **A USB-C power source** that supports the PD or QC protocol (mains adapter, power bank).
- **A charger with an XT60 DC input.** Check in its manual that the charger's input voltage range matches the voltage supplied by the cable (up to 20 V).
- The power the source can deliver also limits the charging power of the charger. With a weaker source, expect slower charging.

2.2 Connecting and disconnecting

① Push the XT60 connector fully into the DC input of the charger. Do not connect the battery to the charger yet.

② Connect the USB-C connector to the power source. The source and the cable negotiate the supply voltage and the charger switches on.

③ If the charger allows limiting the input current or power, set the limit according to the capabilities of the source. The current through the cable must not exceed 5 A.

④ Only then connect the battery and charge it according to the charger's manual.

Disconnecting: stop charging and disconnect the battery from the charger. Then unplug the USB-C connector from the source and finally the XT60 connector from the charger. Always pull the connector body, never the cable.

2.3 Safety and cable care

Never connect a battery or any other voltage source to the XT60 connector of this cable. The cable is intended only for the direction USB-C source → charger. Reverse connection can destroy the source, the cable and the connected device.

- Do not exceed the maximum current of 5 A and do not use the cable for any purpose other than its intended one.
- Do not use or repair a damaged cable (cut braiding, loose or deformed connector, signs of overheating); discard it.
- If the cable or connector becomes excessively hot or you notice a smell, disconnect the cable from the source immediately.
- While the USB-C connector is connected to the source, do not let the contacts of the XT60 connector touch any conductive object – risk of short circuit.
- Use the cable only in a dry environment, away from water and flammable materials.
- Do not bend the cable sharply, crush it or pull on it. Keep the connectors clean and dry; store the cable loosely coiled and out of the reach of children.

- When charging batteries, follow the instructions of the charger and battery manufacturers; never leave charging unattended.

2.4 Troubleshooting

Problem	Possible cause and solution
The charger does not switch on	The source does not support PD or QC or does not provide the required voltage – use a source with PD or QC support. Check that both connectors are fully inserted.
Charging stops or the charger reports low input voltage	The source cannot deliver the required power – reduce the charging power or set an input current or power limit in the charger, or use a more powerful source.
The cable or connector gets hot	Disconnect the cable immediately. Check whether it is damaged and whether the current exceeds 5 A. Do not continue to use a damaged cable.

3. Information for the EU and Czech Market

The information in Chapters 3 and 4 reflects the legal situation in the Czech Republic. The law of the country in which the product is used is decisive for its use.

3.1 Importer and responsible person in the EU

The product is placed on the European Union market by the importer stated below, who is at the same time the responsible person within the meaning of Article 16 of Regulation (EU) 2023/988 of the European Parliament and of the Council on general product safety (GPSR).

Importer / responsible person in the EU	Rotorama, s.r.o.
Company ID (IČO)	051 57 692
VAT ID (DIČ)	CZ05157692
Registered office	Okrajová 1351, 674 01 Třebíč, Czech Republic
E-mail	info@rotorama.cz
Phone	+420 252 252 098
Website	www.rotorama.com

3.2 Disposal



- The crossed-out wheeled bin symbol on the product, its packaging or in the documentation means that at the end of its service life the product **must not be disposed of together with mixed municipal waste**.
- Hand it over at a take-back point for electrical equipment – at a collection yard, at a take-back point of a collective system, or at the retailer when purchasing a new equivalent product. Take-back is free of charge for the end user.
- The obligations under Act No. 542/2020 Coll., on end-of-life products, are fulfilled by the importer through a collective take-back system.
- Proper disposal helps prevent negative impacts on the environment and human health and contributes to the reuse of secondary raw materials.

Through its contractual partner **ASEKOL a.s.**, the company ensures the take-back of waste electrical equipment from households and the separate collection of waste electrical equipment, batteries and accumulators in accordance with the applicable legislation. The customer is entitled to hand over old electrical equipment or a battery or accumulator at any collection point of the above contractual partner. The addresses of these take-back points are listed at www.asekol.cz, www.ecobat.cz and also https://visoh2.mzp.cz/RegistrMistZO/RegistrMistZOPublic/MapaMistZpetOdberu.

4. Warranty and rights arising from defective performance

The rights and obligations of the contracting parties are governed by Czech law, in particular by Act No. 89/2012 Coll., the Civil Code, and Act No. 634/1992 Coll., on consumer protection.

- The seller is liable to the buyer for the product being free of defects on receipt. If the buyer is a consumer, a defect may be notified **within two years of receipt** of the product (Section 2165 of the Civil Code).
- If a defect appears within **one year** of receipt, the product is deemed to have been defective already at the time of receipt (Section 2161(5) of the Civil Code).
- When purchasing online, a consumer has the right to **withdraw from the contract within 14 days** of receiving the goods without giving a reason (Section 1829 of the Civil Code).
- Claims should be made with the retailer from whom you purchased the product. The importer's contact details are given in Chapter 3.1.
- The competent body for out-of-court settlement of consumer disputes is the **Czech Trade Inspection Authority**, Štěpánská 796/44, 110 00 Prague 1, www.coi.cz.