ToolkitRC SC100

USB-C → XT60 power cable
User Manual



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

Rotorama, s.r.o. · www.rotorama.com

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1. Product description

1.1 Intended use

The **ToolkitRC SC100** is a power cable with a **USB-C** plug at one end and an **XT60** female connector at the other. It is used to power chargers and other devices with an XT60 DC input from a USB-C power source – for example a USB-C wall adapter, a power bank or a car charger.

The USB-C power source must support the **PD** (Power Delivery) or **QC** (Quick Charge) fast-charging protocol. Through these protocols the source supplies a voltage in the range of 5–20 V, which the cable passes on to the XT60 connector. The output voltage and the available current therefore always depend on the capabilities of the power source used.



USB-C plug (left) and XT60 female connector (right)

1.2 Specifications and package contents

Parameter	Value
Product designation	ToolkitRC SC100
Input	USB-C, 5.0–20.0 V
Supported protocols	PD2.0, PD3.0, QC2.0
Output voltage	5.0–20.0 V (depending on the source)
Output current	max. 5.0 A
Output connector	XT60, female
Cable length	50 cm
Cable diameter	5 mm
Weight	35 g
Operating temperature	−10 to 40 °C
Package contents	1× SC100 cable **Not included:** USB-C power source, charger, battery

2. Use

2.1 Connecting to a charger

Before connecting, check in the charger's manual that its DC input accepts the voltage supplied by your USB-C power source and that it has an XT60 input connector.

① Plug the XT60 connector of the SC100 cable into the charger's DC input. The XT60 connector fits only one way – never force it.

② Plug the USB-C connector into a USB-C power source that supports PD or QC.

③ Check that the charger has switched on. If the charger displays its input voltage, check that it matches the expected value.

④ If the charger allows you to limit its input current or power, set the limit according to the power rating of the source used.

⑤ Only then connect the battery to the charger and start charging as described in the charger's manual.

⑥ When finished, disconnect the battery first, then unplug the SC100 cable from the power source and from the charger.

※ A current of up to 5 A is only available with a USB-C power source that can supply it. A weaker source will limit the charging power.

2.2 Safety instructions

- Use the cable only to power devices with a DC input designed for 5–20 V. Before connecting any device other than a charger, check in its manual that it can handle the voltage of the source.
- **Never connect the cable to a battery** or to a charger output – it serves only as a power input lead.
- Do not exceed the output current of 5 A.
- Use the cable only within the operating temperature range of −10 to 40 °C, in a dry environment and away from flammable materials.
- Do not use the cable if its insulation is damaged or its connectors are loose or deformed. Do not repair or modify the cable.
- Do not kink or pinch the cable; when disconnecting, pull by the connector, not by the cable.
- Never leave batteries charging unattended and follow the instructions of the charger and battery manufacturers.
- This product is not a toy. Keep it out of the reach of children.
- Observe the regulations of the country in which you use the product; the law of that country is decisive.

2.3 Care, storage and troubleshooting

- Keep the connectors clean and dry. Disconnect the cable before cleaning and clean it only with a dry cloth.
- Store it loosely coiled in a dry place.

Problem	Possible cause and solution
Charger does not switch on	The source does not support PD or QC, or it is not switched on. Use a source that supports PD or QC and check that both connectors are fully inserted.
Charger reports low input voltage	The source does not supply the voltage the charger needs. Use a source that supplies a higher voltage, or a different way of powering the charger.
Charging is slow or interrupted	The source does not provide enough power. Reduce the charging current or limit the charger's input power, or use a more powerful source.
Cable or connector gets excessively hot	Disconnect the cable immediately and stop using it. Check the connectors and the cable for damage.

3. Information for the EU and Czech Market

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 of electrical equipment



- 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.