ADP200

ToolkitRC – power supply 19.5 V / 10.3 A (200 W)
User manual



Read the safety instructions carefully before first use and keep this manual for future reference.

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1. Product description

1.1 Intended use

ToolkitRC ADP200 is a mains switching DC power supply with a fixed output of **19.5 V** and a current of up to **10.3 A** (200 W). It is intended to power hobby chargers and other devices with a DC power input that supports an output voltage of 19.5 V – typically DC chargers that have no built-in mains power supply.

The power supply is plugged into a standard 100–240 V mains socket and connected to the charger with its output cable fitted with an **XT60** connector. It has no display and no controls – as soon as it is plugged into the mains, it supplies the output voltage. The housing has no exposed metal parts or screw terminals, and the output is protected by over-current protection.

The ADP200 power supply is not a charger. Never connect a battery directly to its output.



① power supply body ② input socket for the mains cable ③ output cable with XT60 connector ④ mains cable

1.2 Technical data and package contents

Parameter	Value
Product designation	ToolkitRC ADP200
Product type	mains switching power supply (AC/DC)
Input voltage	100–240 V AC, 50/60 Hz
Input current	max. 2.5 A
Output voltage	19.5 V DC (fixed)
Output current	max. 10.3 A
Output power	200 W
Output connector	XT60
Protection	over-current protection
Operating temperature	−10 °C to 40 °C
Dimensions	165 × 77 × 32 mm
Weight	518 g

▶ Package contents

- 1× ADP200 power supply with permanently attached XT60 output cable
- 1× mains power cable (plug type depends on the variant; Rotorama offers the EU plug)

Not included: charger, battery, connecting cables or adapters for the charger.



Dimensions of the power supply

2. Safety instructions

Read this entire manual before first use and keep it for future reference. If you pass the product on to another person, hand over this manual as well.

- The power supply is intended **for use in dry indoor areas only**. Protect it from water, moisture, condensation, dust and direct sunlight.
- Use the power supply only within the operating temperature range given in Chapter 1.2.
- The power supply heats up during operation. Place it on a firm, flat and non-flammable surface, do not cover it and ensure free air circulation around the housing. Do not place it on textiles or paper or near flammable materials.
- Connect the power supply only to a properly installed mains socket with a voltage within the range stated on the rating label. The socket must be easily accessible – pulling the mains plug out of the socket disconnects the power supply from the mains.
- Use only the mains cable supplied with the power supply or a cable of the same type with a plug that matches the local sockets. Do not use travel adapters that do not connect the protective earth pin.
- Do not use the power supply or the cables if they are damaged in any way (cracked housing, damaged insulation, deformed connector), if the power supply has been dropped or if liquid has entered it.
- Do not open or modify the power supply. Dangerous voltage is present inside even after disconnection from the mains. Repairs may only be carried out by a service centre.
- Connect to the output only a device whose power input supports 19.5 V DC and whose consumption does not exceed 10.3 A / 200 W. Set the charger's input power so that the power supply is not overloaded.
- Do not short-circuit the XT60 output connector and observe the correct polarity of adapters and connecting cables.
- Never leave batteries charging unattended. Follow the instructions of the charger and battery manufacturers.
- The product is not a toy. Keep it out of the reach of children and animals.

❉ The law of the country in which the product is operated is decisive. Information on regulations in this manual describes the situation in the Czech Republic; in another country, follow the regulations of that country.

3. Use

3.1 Connection

① Check that the power supply, the mains cable and the output cable are not damaged.

② Make sure that the charger to be connected supports an input voltage of 19.5 V DC and has an XT60 input connector (otherwise use a suitable adapter with the correct polarity).

③ Place the power supply in a suitable location according to Chapter 2.

④ Insert the mains cable into the input socket of the power supply ② and only then plug it into the mains socket.

⑤ Connect the XT60 output connector ③ to the power input of the charger. Push the connector in all the way.

⑥ Switch on the charger and proceed according to its manual.

3.2 During operation

- The power supply has no switch or indicator – it is in operation as long as it is plugged into the mains.
- If the charger allows you to set an input current or power limit, set it no higher than the ratings of the power supply (10.3 A / 200 W).
- If the output is overloaded, the over-current protection trips. In that case reduce the load (charging current or the number of batteries charged at the same time).
- It is normal for the housing to get warm. If the power supply becomes excessively hot, gives off a smell or makes unusual noises, disconnect it from the mains immediately.

3.3 Disconnection and storage

① Finish charging according to the charger's manual and disconnect the batteries from it.

② Pull the mains plug out of the socket.

③ Disconnect the XT60 connector from the charger – pull the connector body, not the cable.

④ Coil the cables loosely, do not bend them sharply at the housing or the connectors, and store the power supply in a dry place.

4. Maintenance and troubleshooting

4.1 Maintenance

- Always disconnect the power supply from the mains and let it cool down before cleaning.
- Wipe the housing with a dry or slightly damp cloth. Do not use solvents or abrasive cleaners and never immerse the power supply in water.
- Regularly check the condition of the cables, the plug and the XT60 connector. Burnt or loose contacts are a reason to stop using the product.

4.2 Troubleshooting

Problem	Possible cause and solution
The charger does not switch on	Check that the mains cable is inserted into the power supply and into the socket and that the socket is live. Check that the XT60 connector is pushed in all the way.
The charger switches off or restarts during charging	The charger's consumption exceeds the capacity of the power supply and the over-current protection has tripped. Reduce the charging current or limit the charger's input power to 200 W at most.
The power supply is very hot	Ensure free air circulation, do not cover the power supply and do not use it outside the operating temperature range. Reduce the load.
Damaged housing, cable or connector	Stop using the power supply immediately and contact the retailer.

5. Information for the EU and Czech Market

5.1 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

Manufacturer: TOOLKITRC TECHNOLOGY (SHENZHEN) CO., LTD, 3F, B1 Building, Shanghe Industrial Park, Nanchang Road, Hangcheng Street, Bao'an District, Shenzhen, China, e-mail sales@toolkitrc.com, www.toolkitrc.com.

5.2 Product conformity

CE

- The product bears the **CE** marking and complies with the requirements of the applicable European Union harmonisation legislation.
- A copy of the **EU Declaration of Conformity** is available from the importer at the address stated above or at the e-mail address info@rotorama.cz.
- **Product identification:** the type designation (ADP200) and further identification details are given on the rating label of the power supply.

5.3 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.

6. 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 5.1.
- 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.