ROTORAMA

# XT60 → XT30

HOTA charging adapter
XT60 female → XT30 male




**Read the entire manual before use and keep it for future reference.**

*www.rotorama.com*

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# 1. Safety instructions

## 1.1 Before you start

- Read the entire manual before first use and keep it for future reference.
- The product **is not a toy** and is intended for persons aged 14 and over. Keep it out of the reach of children – it is a small object that could be swallowed.
- The adapter is a passive connecting part. It contains no fuse and no protection against short circuit, reverse polarity or overload.

## 1.2 Li-Po and LiHV batteries

- Li-Po and LiHV batteries store a large amount of energy. A short circuit of their terminals can cause sparks, burns, fire or an explosion of the battery.
- Never touch both contacts of the adapter with a metal object (screwdriver, tweezers, keys, jewellery) while a battery is connected to it.
- Charge only under supervision, on a non-flammable surface or in a fire-resistant bag (LiPo bag), away from flammable materials.
- Always set the correct battery type (Li-Po / LiHV), cell count and charging current on the charger according to the battery manufacturer's specifications.
- A fully charged cell has 4.20 V (Li-Po) or 4.35 V (LiHV). Do not charge a damaged battery (swollen, with a broken wrap).

**The adapter does not change the voltage and does not limit the current in any way. The user is responsible for setting the charger correctly.**

# 2. Product description

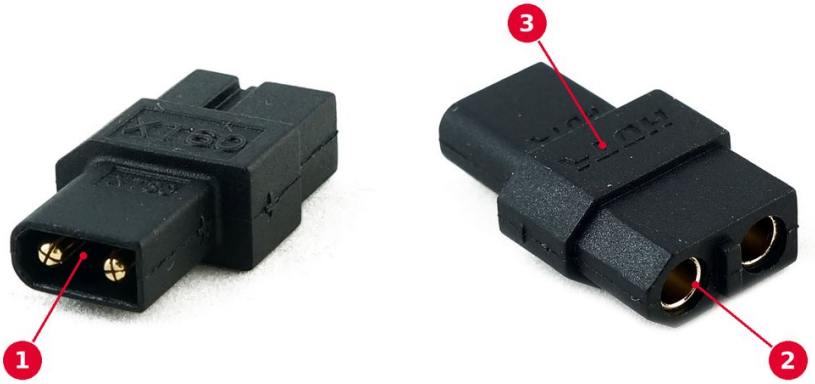
## 2.1 What the adapter is for

The adapter connects an **XT60** connector to the smaller **XT30** connector. It is mainly used for charging batteries with an XT30 connector on common Li-Po chargers whose output or charging lead is fitted with an XT60 connector. The adapter body is made of a single piece of plastic; the adapter has no cable.

## 2.2 Package contents

- 1× charging adapter XT60 → XT30

## 2.3 Parts description




*View of the XT30 side (left) and the XT60 side (right)*

① **XT30 male** – connects to the XT30 (female) connector of the battery.

② **XT60 female** – connects to the XT60 (male) connector of the charger or charging lead.

③ **HOTA manufacturer marking**; the XT60 and XT30 connector designations are also moulded into the adapter body.

## 2.4 Technical data

| | |
|---|---|
| Manufacturer | HOTA (Shenzhen HOTA Technology Co., Ltd.) |
| Type | charging adapter XT60 → XT30 |
| Charger side | XT60 female |
| Battery side | XT30 male |
| Design | single-piece plastic body, no cable |
| Weight | 3.6 g |

# 3. Use when charging

## 3.1 Check before use

- Check that the adapter body is not cracked, deformed or discoloured by heat and that the contacts are not bent, blackened or loose.
- Check the battery and its XT30 connector. Do not charge a damaged battery.
- Set the charger according to chapter 1.2 and do not start charging yet.

## 3.2 Connecting

① Insert the **XT60** side (②) of the adapter into the XT60 connector of the charger or charging lead.

② Connect the XT30 connector of the battery to the **XT30** side (①).

③ If the battery has a balance connector, plug it into the balance port of the charger.

④ Check that the charger has detected the correct cell count, and only then start charging.

Both XT60 and XT30 connectors have polarity defined by their shape (bevelled corners of the housing). Insert the connectors straight and only in the one position the housing shape allows – never force them.

## 3.3 Charging current

The XT30 connector is smaller than the XT60 and is designed for lower currents. The manufacturer does not specify a maximum current for the adapter. Set the charging current according to the battery manufacturer's specifications and check occasionally during charging that the adapter is not getting warm.

**If the adapter or the battery connector is hot to the touch, stop charging and reduce the charging current.**

## 3.4 Disconnecting

① Stop charging on the charger.

② Disconnect the balance connector and then the battery from the adapter.

③ Separate the connectors by pulling the housing along the connector axis, not by the wires, and do not wiggle them sideways – the contacts would loosen.

## 3.5 Use other than charging

The adapter is intended primarily for charging. We do not recommend using it as a permanent part of a model's power supply: every additional joint increases contact resistance and may work loose in flight due to vibration.

# 4. Maintenance and troubleshooting

## 4.1 Maintenance and storage

- Keep the contacts clean and dry. Do not use lubricants or contact sprays.
- Store the adapter in a dry place, separately from loose metal objects, to prevent a short circuit.
- Stop using and replace an adapter whose contacts are loose or blackened or whose body is deformed by heat.

## 4.2 Troubleshooting

| Problem | Possible cause and solution |
|---|---|
| The charger does not detect the connected battery | A connector is not fully inserted. Check both joints of the adapter. |
| The adapter or connector gets warm during charging | Charging current too high or worn contacts. Stop charging, reduce the current and check the contacts; replace a worn adapter. |
| A connector sits loosely in the adapter | Worn contacts. Replace the adapter. |
| The charger reports reverse polarity | Faulty connector or cable. Do not start charging and do not use the adapter or the battery any further; 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 |

## 5.2 Product safety and identification

- The product is a passive adapter without electronics. It is placed on the market in accordance with Regulation (EU) 2023/988 on general product safety (GPSR).
- **Product identification:** the HOTA manufacturer marking and the XT60 and XT30 connector designations are moulded into the adapter body.
- The product **is not a toy** and is intended for persons aged 14 and over.

## 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

## 6.1 Rights of the buyer under Czech law

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.