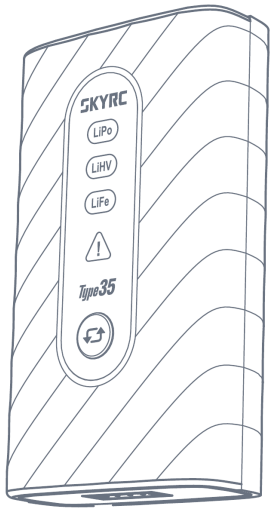
SkyRC Type35

2–4S Lithium Battery Charger
Instruction Manual



Please read this entire manual, including the safety instructions, carefully before first use. Never leave the charger unattended while charging.

Manufacturer: SKYRC TECHNOLOGY CO., LTD. · EU importer: Rotorama, s.r.o. · www.rotorama.cz

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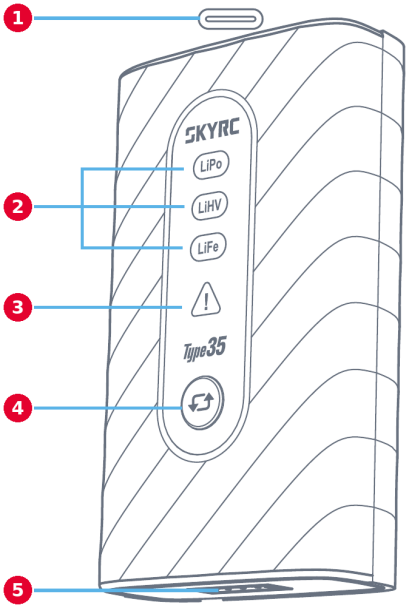
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1. Introduction

Thank you for purchasing the **SkyRC Type35** 2–4S Lithium Battery Charger!

The Type35 is an easy-to-operate charger specifically designed for 2–4S lithium batteries. With the USB-C input, the maximum charge power can be up to 35 W. Please read the user manual carefully before use.

2. Charger overview



Type35 charger overview

① USB-C PD3.0 input (9–20 V)

② Battery LED indicator (LiPo / LiHV / LiFe)

③ Warning LED indicator

④ Battery type switch / Start button

⑤ 2–4S balance port

3. Safety instructions

3.1 Manufacturer's warnings

Please read this manual carefully to ensure safe and proper use.

- Do not leave the charger unattended while charging. If any abnormalities occur, immediately stop charging.
- **The Type35 charger is only suitable for lithium battery packs. Do not attempt to charge any battery types not listed in this manual, to prevent the risk of fire.**
- Both the battery and the charger will generate heat during charging. Please use them in a well-ventilated and safe location.
- Do not use the charger without supervision.
- Do not charge damaged or defective batteries.
- If there are any functional abnormalities, immediately stop charging.
- Keep the charger away from high temperatures, moisture, rain, and direct sunlight.
- Do not use or store the charger in high-temperature, humid, or direct sunlight areas.
- Keep the charger and batteries out of reach of children.

▶ **Note on the power supply**

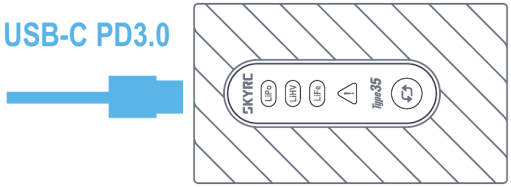
The PD input range is 9–20 V, ensuring that the input voltage is higher than the cut-off voltage of the battery. Otherwise, it may cause errors or failures to fully charge the battery!

3.2 General rules for lithium batteries

- Charge on a non-flammable surface, ideally in a fire-resistant bag (LiPo bag), away from flammable objects.
- Before starting to charge, check that the selected type (LiPo, LiHV, LiFe) and the number of cells match the battery label. Selecting the wrong type may lead to overcharging and fire.
- Do not charge a battery that is swollen or deformed or has a damaged casing, leads or connector; have it disposed of safely.
- Let a battery that is warm after use cool down to ambient temperature before charging.
- If you notice an odour, smoke or excessive heat, stop charging immediately, disconnect the power supply and move the battery to a safe place.
- Never short-circuit the battery terminals; do not puncture, disassemble or throw the battery into fire.

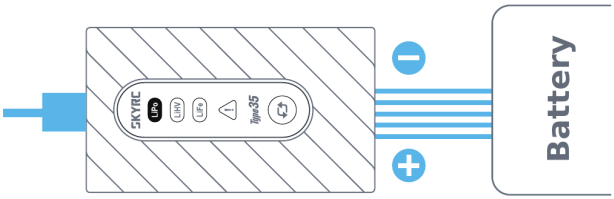
4. Operation

1. Connect to power source. Type35 supports PD3.0 USB-C input with an input voltage of 9–20 V. The power adapter is not included.



Connecting the USB-C PD3.0 power supply

2. Connect the battery to the charger, paying attention to the polarity.



Connecting the battery – mind the polarity

3. Short-press the button ④ to select the battery type.

4. Press and hold the button ④ for two seconds to start charging.

5. Short-press the button ④ to stop charging.

5. LED status explained

Indicator	Status	Charger status
Battery LED indicator ②	Solid yellow	Standby
	Blinking green	Charging
	Solid green	Charging complete
Warning LED indicator ③	Blinking red	The battery connection is broken or the voltage of a single cell is too high or too low
	Solid red	The input voltage is lower than the battery voltage.
	Solid yellow	Over-temperature protection

6. Specifications

Parameter	Value
Input voltage	PD3.0, 9–20 V
Charge power	max. 35 W
Standby power	max. 0.8 W
Battery type	LiPo, LiHV, LiFe
Battery cells	2–4S
Charge current	max. 2 A
Charge voltage	LiPo: 4.20 V/cell
	LiHV: 4.35 V/cell
	LiFe: 3.65 V/cell
Balance current	max. 300 mA
Working temperature	0 °C to 40 °C
Working humidity	5–75 % RH, non-condensing
Storage temperature	−10 °C to 70 °C
Storage humidity	5–75 % RH, non-condensing
Dimensions	84 × 48 × 22 mm
Weight	approx. 53 g

7. Conformity, box contents and manufacturer

7.1 Manufacturer's conformity declaration

According to the manufacturer, Type35 satisfies all relevant and mandatory CE directives and FCC Part 15 Subpart B.

Test standard	Title	Result
EN 55014-1	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 1: Emission	Conform
EN 55014-2	Electromagnetic compatibility – Requirements for household appliances, electric tools and similar apparatus – Part 2: Immunity – Product family standard	Conform
EN 61000-3-2	Electromagnetic compatibility (EMC) – Part 3-2: Limits for harmonic current emissions (equipment input current up to and including 16 A per phase)	Conform
EN 61000-3-3	Electromagnetic compatibility (EMC) – Part 3-3: Limitation of voltage changes in supply systems for equipment with rated current ≤ 16 A	Conform
FCC Part 15 Subpart B	Title 47 Telecommunication, Part 15 – Radio Frequency Devices, Subpart B – Unintentional Radiators	Conform

7.2 In the box

- 1× SkyRC Type35
- 1× Instruction manual

7.3 Manufacturer

SKYRC TECHNOLOGY CO., LTD.
Floors 4, 5 & 8, Building 4, Meitai Technology Park, Guanguang South Road, Guanlan, Longhua District, Shenzhen 518110, China
www.skyrc.com · support@skyrc.com

The manual is subject to change without notice; please refer to the manufacturer's website for the latest version. This manual is based on the manufacturer's original instruction manual, version v. 21 (2025.07).

8. Information for the EU and Czech Market

EU regulations and directives apply in all Member States of the European Union, but national implementing rules – for example on the take-back of electrical equipment – differ from country to country. The information in this chapter describes the situation in the Czech Republic. If you use the product in another country, follow the regulations of the country in which you operate it.

8.1 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.cz

8.2 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 (SkyRC Type35) is given on the front of the charger.

8.3 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.

9. Warranty and rights arising from defective performance

9.1 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 manufacturer's warranty terms set out below (Chapter 9.2) **do not in any way limit** the buyer's rights arising from these regulations.

- 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 8.1.
- 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.

9.2 Manufacturer's warranty terms

❊ The following text is the manufacturer's original warranty statement.

We guarantee this product to be free of manufacturing and assembly defects for one year from the time of purchase. The warranty only applies to material or operational defects which are present at the time of purchase. During that period, we will repair or replace free of service charge products deemed defective due to those causes. This warranty is not valid for any damage or subsequent damage arising as a result of misuse, modification, or as a result of failure to observe the procedures outlined in this manual.

Note:

1. The warranty service is valid in China only.
2. If you need warranty service overseas, please contact your dealer in the first instance, who is responsible for processing guarantee claims overseas. Due to high shipping cost and complicated customs clearance procedures to send back to China, please understand SkyRC can't provide warranty service to overseas end users directly.
3. If you have any questions which are not mentioned in the manual, please feel free to send an email to support@skyrc.com.

Liability exclusion

This charger is designed and approved exclusively for use with the types of battery stated in this instruction manual. SkyRC accepts no liability of any kind if the charger is used for any purpose other than that stated. We are unable to ensure that you follow the instructions supplied with the charger, and we have no control over the methods you employ for using, operating and maintaining the device.

For this reason we are obliged to deny all liability for loss, damage or costs which are incurred due to the incompetent or incorrect use and operation of our products, or which are connected with such operation in any way.

Unless otherwise prescribed by law, our obligation to pay compensation, regardless of the legal argument employed, is limited to the invoice value of those SkyRC products that were immediately and directly involved in the event in which the damage occurred.