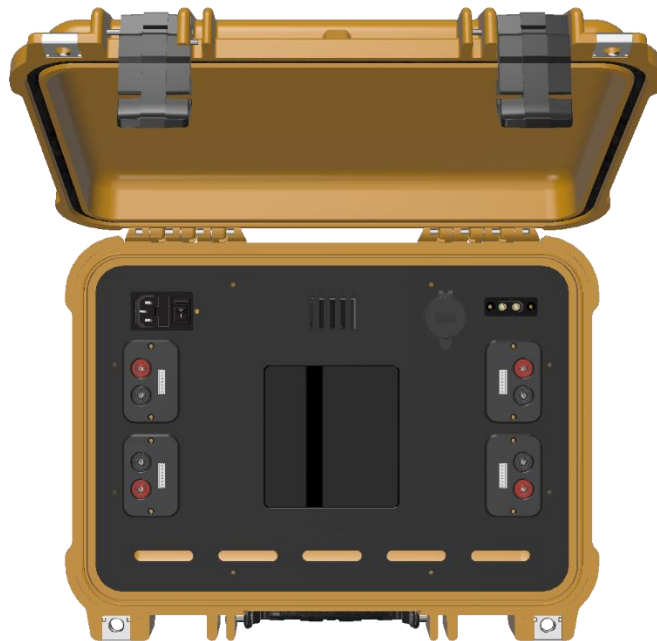# Coyote Yellow Charge Case Operations Manual

⚠️ LiPo Battery Charging Warning & Safety Disclaimer

🔋 Important Safety Notice

The **Coyote Yellow Charging Case** is designed to make charging and discharging of lithium polymer (LiPo) batteries safer. **LiPo batteries can still catch fire or explode if misused, damaged, or mishandled.**

By using this case, you agree to follow all safety instructions and assume all risks.

☑️ Safe Use Guidelines

1. **Always supervise charging** – Never leave batteries unattended while charging.
2. **Inspect before use** – Do not charge swollen, punctured, or damaged batteries.
3. **Proper placement** – Fully insert batteries into case and route cables correctly.
4. **Use a fire-safe surface** – Place the case on non-flammable, heat-resistant surfaces.
5. **Check charger settings** – Match voltage, cell count, and current to battery specifications.
6. **Monitor temperature** – Stop charging if the battery or charger becomes too hot.
7. **Storage & transport** – Only use the case for LiPo batteries; store at recommended storage voltage.

⚠️ Disclaimer

- The **Coyote Yellow Charging Case reduces, but does not eliminate, risk** of fire or damage.
- The manufacturer **assumes no responsibility** for injury, property damage, or loss from improper use.
- **You are solely responsible** for safely charging, handling, and storing your LiPo batteries.

By charging LiPo batteries in this case, you acknowledge and accept all associated risks.

Overview:

The Coyote Yellow Field Charge Case is a versatile and powerful charging solution designed to meet the needs of RC enthusiasts and professionals alike. With its compact design and robust features, this case ensures efficient and convenient charging for your batteries.

Specifications:

- Input Voltage: DC10-30V

- Charge Current: 0.1~15A x 4

- Charge Power: 250W x 4 @Input voltage>24V

- Combined Charging Power: 500Wx2 @Input voltage>23V

- Discharge Power:

  - Internal discharge: 12W x 4 (balance port only 6W x 4)

  - Regenerated discharge power: 250W x 4 (1000W)

- Battery Type:

  - LiHv/LiPo/LiFe/LiIon/Lixx : 1~6S

  - NiZn/Nicd/NiMH : 1~16S

  - Smart Battery : 1~6S

  - Lead Acid(Pb) : 2~24V

  - Enelop : 1~16S

- Balance Current: 1000mA x 4

- Discharge Current: 0.1~3A x 4

- External discharger: 0.1~15A x 4

- USB Output: 5V / 2.1A

- Screen Size: 2.8" IPS 320X240 color display

Case Specifications

- 120/240vac or 10-30vdc Input

- DC Voltage Monitor

- USB/PD Charging

- 1600 watt 24v internal PSU (66amps)

- 24V DC fan derated to 12V

- XT90 24vdc output/10-30vdc input

- Built in servo tester

- 3/8 HDPE deck

Important Notes:

1. The AC input and the DC Input/Output port cannot be used simultaneously as a power source. Ensure only one power source is connected at a time.

2. The DC Input/Output port can be utilized as a 24V DC output to power an additional case or external 24V charger when on AC power.

3. Power leads are color coded (Red – Positive/Black -Negative)

4. PC power cord (NEMA 5-15 to C13) is needed for AC power input.

Charging Operations:

1. Connect the Coyote Yellow Field Charge Case to either a 120/240V AC power source or a 10-30V DC power source using the appropriate cable.

2. Power on the case using the power switch located on the side panel.

3. If using AC power, ensure the AC input is the sole power source. If using DC power, confirm that only the DC Input/Output port is solely connected as the power source.

4. Access the charging interface by pressing the designated button on the control panel.

5. Connect your batteries to the charging ports, ensuring correct polarity and cell count according to the battery type.

> **When connecting batteries for balance charging always connect the main positive and negative leads prior to connecting the balance leads. Reverse the order when disconnecting (balance lead first then main leads).

6. Monitor the charging process via the built-in 2.8" IPS color display, which provides real-time information on voltage, current, temperature, and charging status.

7. Once charging is complete, disconnect the batteries and power off the case.

Discharge Operations:

1. Connect the Coyote Yellow Field Charge Case to a suitable power source as described in the Charging Operations section.

2. Access the discharge interface by navigating the menu using the control panel.

3. Connect the batteries to the appropriate discharge ports, ensuring correct polarity and cell count.

4. Monitor the discharge process via the display screen, which provides information on discharge current and remaining capacity.

5. Once discharge is complete, disconnect the batteries and power off the case.

External Power Output:

1. To utilize the DC Input/Output port as a 24V DC output, ensure the Coyote Yellow Field Charge Case is powered on with 120/240VAC power.

2. Connect the desired device or charger to the XT90 24V DC output port located on the top right of the deck.

3. Verify the voltage requirements of the connected device do not exceed 24V DC.

4. Power off the case when the external power output is no longer required.

Additional Features:

1. The built-in servo tester allows for convenient testing and calibration of servos (PWM).

2. The HDPE deck provides a sturdy platform for charging and additional equipment storage.

Safety Precautions:

1. Always follow the manufacturer's instructions and recommendations for charging and discharging batteries.

2. Avoid charging or discharging batteries in extreme temperatures or environments.

3. Do not exceed the specified voltage and current limits when using the external power output feature.

4. Disconnect all power sources and batteries when not in use to prevent accidents or damage.

Warranty:

- Case (Lifetime Warranty)

- Hota F6 (1-Year Warranty)

- 24V 1600W Power Supply (2-Year Warranty)

By following these instructions, you can effectively and safely operate the Coyote Yellow Field Charge Case to meet your charging and power supply needs. If you have any questions or encounter any issues, refer to the user manual or contact customer support for assistance at info@coyoteyellow.com or https://coyoteyellow.com/contact-us.