

ACTIV ENERGY XYZ563a

ACTIV ENERGY Fast Charger Instruction Manual

Model: XYZ563a | Brand: ACTIV ENERGY

1. INTRODUCTION

Thank you for choosing the ACTIV ENERGY Fast Charger. This charger is designed to efficiently charge 20V and 20/40V Activ Energy Li-ion batteries used with Ferrex power tools. Please read this manual carefully before first use to ensure safe and optimal operation of your charger. Keep these instructions for future reference.

2. SAFETY INSTRUCTIONS

WARNING: Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury.

- This charger is for indoor use only. Do not expose it to rain or wet conditions.
- Use only with ACTIV ENERGY 20V and 20/40V Li-ion batteries. Charging other types of batteries may cause personal injury and damage.
- Do not charge damaged batteries. Inspect batteries for damage before charging.
- Keep the charger away from children and pets.
- Ensure adequate ventilation during charging. Do not cover the charger.
- Do not operate the charger if the cord or plug is damaged. Contact customer support for replacement.
- Never attempt to open or modify the charger. There are no user-serviceable parts inside.
- Unplug the charger from the power outlet when not in use or before cleaning.
- Avoid placing the charger on unstable surfaces.

3. PACKAGE CONTENTS

Carefully unpack the product and check that all items are present and in good condition. If any items are missing or damaged, please contact your retailer.

- 1 x ACTIV ENERGY Fast Charger (Model XYZ563a)
- 1 x Instruction Manual



Image: The ACTIV ENERGY Fast Charger shown in its retail packaging. The box indicates compatibility with 20V and 20/40V Li-ion batteries.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your fast charger before use.



Image: The ACTIV ENERGY Fast Charger, displaying the battery slot and LED indicator panel.

LED Indicators:

- **POWER ON / FULL (Green LED):**
 - Solid Green: Charger is powered on and ready, or battery is fully charged.
- **CHARGING (Green LED):**
 - Flashing Green: Battery is currently charging.
- **FAILURE (Red LED):**
 - Solid Red: Indicates a charging error or a faulty battery.
- **HIGH / LOW TEMPERATURE (Red LED):**
 - Solid Red: Battery temperature is outside the optimal charging range (too hot or too cold).

5. SETUP

1. Place the charger on a stable, flat surface in a well-ventilated area.
2. Plug the charger's power cord into a standard 240V AC electrical outlet. The 'POWER ON / FULL' green LED will illuminate, indicating the charger is ready.

6. OPERATING INSTRUCTIONS

Charging a Battery:

1. Ensure the charger is plugged into a power outlet and the 'POWER ON / FULL' green LED is solid.
2. Slide the ACTIV ENERGY 20V or 20/40V Li-ion battery into the charging slot on the charger. Ensure it clicks securely into place.
3. The 'CHARGING' green LED will begin to flash, indicating that the battery is charging. The 'POWER ON / FULL' LED will remain solid.
4. Once the battery is fully charged (approximately 45 minutes for a standard battery), the 'CHARGING' LED will turn off, and the 'POWER ON / FULL' LED will remain solid.
5. To remove the battery, press the release button (if present on the battery) and slide the battery out of the charger.
6. Unplug the charger from the power outlet when not in use.

7. MAINTENANCE

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe the exterior of the charger. Do not use abrasive cleaners or solvents.
- **Storage:** Store the charger in a dry, cool place, away from direct sunlight and moisture. Ensure the charger is unplugged when stored.
- **Inspection:** Regularly inspect the power cord and charger housing for any signs of damage. If damage is found, discontinue use and contact customer support.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not powering on (no LEDs lit).	No power to the outlet; charger not plugged in correctly; faulty power outlet.	Check power connection; try a different outlet; ensure charger is fully plugged in.
'FAILURE' Red LED is solid.	Faulty battery; charging error.	Remove and reinsert the battery. If the error persists, the battery may be faulty and needs replacement.
'HIGH / LOW TEMPERATURE' Red LED is solid.	Battery temperature is too high or too low for charging.	Remove the battery from the charger and allow it to reach room temperature (10°C - 40°C) before attempting to charge again.
Battery not charging (CHARGING LED not flashing).	Battery not inserted correctly; battery already fully charged; faulty battery.	Ensure battery is fully seated in the charger; check if the 'POWER ON / FULL' LED is solid (indicating full charge); try another battery if available.

9. SPECIFICATIONS

- **Model:** XYZ563a
- **Brand:** ACTIV ENERGY
- **Input Voltage:** 240V AC
- **Output Voltage:** 20V DC
- **Compatible Batteries:** ACTIV ENERGY 20V and 20/40V Li-ion batteries

- **Approximate Charge Time:** 45 minutes (for standard batteries)
- **Number of Ports:** 1
- **Dimensions (Package):** 21.8 x 19.8 x 9.2 cm
- **Weight (Product):** 712 g
- **Color:** Black

10. WARRANTY AND SUPPORT

This product is covered by a standard manufacturer's warranty. For specific warranty terms, please refer to the documentation provided at the time of purchase or contact your retailer. If you encounter any issues or require technical assistance, please contact the customer support service of your retailer or the ACTIV ENERGY brand.

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