

## Stiga 1941053

# Stiga Fast Charger for 80V Li-Ion Batteries

Model: 1941053

## 1. INTRODUCTION

This instruction manual provides essential information for the safe and effective operation of your Stiga Fast Charger, specifically designed for Stiga 80V Li-Ion batteries. Please read this manual thoroughly before first use and keep it for future reference. Proper use and maintenance will ensure optimal performance and extend the lifespan of your charger and batteries.

## 2. SAFETY INFORMATION

**WARNING:** Failure to follow these safety instructions could result in electric shock, fire, and/or serious injury.

- Use this charger only with Stiga 80V Li-Ion batteries. Using other batteries may cause injury and damage.
- Do not expose the charger to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- Do not charge non-rechargeable batteries.
- Ensure the power supply voltage matches the voltage specified on the charger's rating label.
- Never modify the charger in any way.
- Do not operate the charger if the cord or plug is damaged.
- Keep the charger away from heat sources and direct sunlight.
- Always unplug the charger from the power outlet before cleaning or maintenance.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## 3. PRODUCT OVERVIEW

The Stiga Fast Charger is designed for efficient and safe charging of your 80V Li-Ion batteries. It features indicator lights to show charging status.



Figure 1: Stiga 80V Li-Ion Fast Charger. This image displays the charger's main body, including the battery insertion slot, ventilation grilles, and the status indicator panel.

## Components:

1. **Battery Slot:** For inserting the 80V Li-Ion battery.
2. **Charging Status Indicators:** LEDs that display the battery's charge level and charging status.
3. **Power Cord Inlet:** For connecting the charger to a power outlet.
4. **Ventilation Openings:** To ensure proper cooling during charging.

## 4. SETUP

1. **Unpacking:** Carefully remove the charger from its packaging. Inspect for any damage during transit. Do not use if damaged.
2. **Placement:** Place the charger on a stable, flat, non-flammable surface in a well-ventilated area. Ensure there is sufficient space around the charger for air circulation. Avoid placing it on carpet or other materials that could block ventilation openings.
3. **Power Connection:** Connect the charger's power cord to a suitable 230V AC, 50Hz power outlet. The charger's indicator lights may briefly illuminate upon connection.

## 5. OPERATING INSTRUCTIONS

### Charging a Battery:

1. Ensure the charger is plugged into a power outlet.
2. Align the 80V Li-Ion battery with the battery slot on the charger.
3. Slide the battery firmly into the slot until it clicks into place.
4. Observe the charging status indicators.
  - **Solid Red:** Charging in progress.
  - **Solid Green:** Charging complete.
  - **Flashing Red:** Battery or charger error (refer to Troubleshooting).
5. Once charging is complete (Solid Green light), carefully remove the battery by pressing the release tab (if present on battery) and sliding it out.
6. Unplug the charger from the power outlet when not in use.

*Note:* A fully discharged 80V Li-Ion battery typically takes approximately 30-60 minutes to fully charge with this fast charger, depending on battery capacity and ambient temperature.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your charger.

- **Cleaning:** Disconnect the charger from the power supply before cleaning. Use a soft, dry cloth to wipe down the exterior of the charger. Do not use abrasive cleaners or solvents.
- **Ventilation:** Keep the ventilation openings free from dust and debris. Use compressed air if necessary to clear blockages.
- **Storage:** Store the charger in a dry, cool place, away from direct sunlight and moisture. Ensure the power cord is neatly coiled and not kinked.
- **Inspection:** Periodically inspect the power cord and plug for any signs of damage. If damaged, have it repaired by a qualified service technician.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Charger not working / No indicator lights	No power supply; Damaged power cord/plug; Faulty outlet.	Check power connection; Try a different outlet; Inspect cord for damage.
Battery not charging (Flashing Red light)	Battery too hot/cold; Battery faulty; Charger faulty; Improper battery insertion.	Allow battery to reach room temperature; Re-insert battery firmly; Try another battery (if available); Contact service if problem persists.
Slow charging	High ambient temperature; Battery condition.	Ensure charger is in a cool, well-ventilated area; Battery may be nearing end of life.

If the problem persists after attempting these solutions, please contact Stiga customer support.

## 8. SPECIFICATIONS

- **Model:** 1941053
- **Input Voltage:** 230V AC, 50Hz
- **Output Voltage:** 80V DC
- **Compatible Batteries:** Stiga 80V Li-Ion batteries
- **Charging Time:** Approximately 30-60 minutes (depending on battery capacity)
- **Operating Temperature:** 0°C to 40°C (32°F to 104°F)

## 9. WARRANTY AND SUPPORT

Stiga products are manufactured to high quality standards and are guaranteed for a period of 2 years from the date of purchase against manufacturing defects. This warranty does not cover damage caused by misuse, neglect, normal wear and tear, or unauthorized repairs.

For warranty claims, technical support, or spare parts, please contact your authorized Stiga dealer or visit the official Stiga website. Please have your proof of purchase and the product model number (1941053) ready when contacting support.

**Online Resources:** For additional information, FAQs, and product registration, please visit [www.stiga.com](http://www.stiga.com).

