

Powercell Quick Guide

How to Charge Video Tutorial

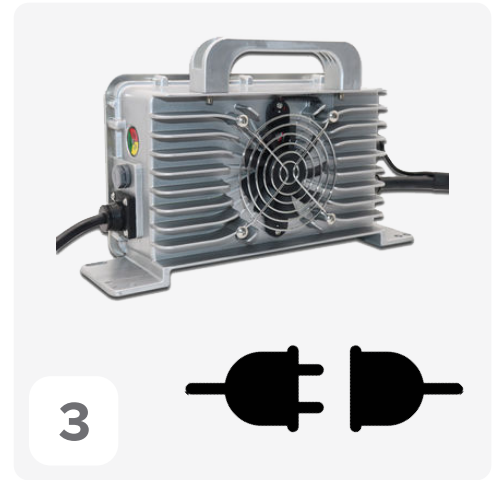
For your safety and convenience, we highly recommend watching our step-by-step video guide to ensure the correct charging of your SiFly PowerCell LR.



Attach the connectors to the matching connection ports.



Place and leave the magnet key on the designated area on the battery.



Plug the Smart Charger into the wall socket to start charging.

How to Charge

1. Place the battery and charger on a flat dry surface that will not damage it.
2. Dry the area around the connection port using a soft, clean cloth.
3. Check that the insides of the connection ports are perfectly clean and dry.
4. Check that each of the two connectors of the battery charger are perfectly clean and dry.
5. Attach the black power cable by pushing the plug connector onto the black socket connector of the battery until you hear a click. The positive (red) connector has a unique key so that it can't be attached to the wrong terminal. Align it sideways to the battery with its top pointing outwards and push it in until you hear a click.

Note: To remove the connector plug, push the little button on its side and pull it out gently.

6. Place the magnet key on designated area on the battery to activate it, and leave it there during charging.
7. Plug the Smart Charger into the wall socket to start charging. The LED will blink in green to show the current state of charge. Each blink of the LED accounts for 20% of capacity. 1 blink – 0-20%, 2 blinks – 21-40%, 3 blinks – 41-60%, 4 blinks – 61-80%, 5 blinks – 81-96%, solid green – 96- 100%. The state of charge percentage is an algorithmically calculated value, that is calibrated with the battery's usage. It is normal for the battery to sometimes finish charging a few points below 100%.

While charging, the battery's LED will blink in blue colour between each capacity reading. Use the Sifly APP to view detailed information on the battery's charge and temperature.

8. Once the battery is charged up, its LED will show solid green and the charger's fan will stop spinning. Remove the magnet key from the battery, then unplug the charger from the socket and finally pull the connectors from the connection ports on the battery. Never attempt to remove the connectors by twisting or pulling on the cable.

Always hold on to the base of the connectors in hand.

Caution! The charger and connectors may heat up while charging. After you have finished charging, let the charger and connectors cool down before you touch them.

Caution! When not in use for prolonged times (longer than 3 weeks) the battery should be charged between 70% and 30%. Storage at capacity outside of this range may lead to faster battery cell degradation and reduced performance. Always check up on your battery at least once a month, to make sure it is still in the healthy storage range.

Note: The Sifly Powercell is the only battery in the industry charged by a smart charger. The battery communicates with charger and dynamically adjusts the charging current depending on various parameters like voltage, temperature, age, to ensure the quickest and healthiest charging process. It is normal for the charger to sometimes stop spinning its fan and continue charging later.

Note: The Sifly PowerCell features an intelligent Smart Battery Management System that connects to the MySifly cloud server and to your mobile phone. In the Mobile App you can always check the current capacity, temperature and health state of you battery. If the BMS has reported an error, you will see a message with the error code and short tip on how to handle the error. If you need further assistance, contact our support team.

Recovery Charging Mode

Connect your charger to the Mobile app and use the Recovery Charging Mode from the list of options to safely raise the voltage back to a secure level. Place your phone next to the charger and keep the SiFly App open while doing so. A few minutes should be enough to be able to switch to the normal charging procedure.



Adding the Powercell to the SiFly App

Place the magnet key on the designated area on the battery to activate it. Open the SiFly app and press the board icon in the dock, which is the second icon on the left. This will lead you to the Devices page, where you will see the option to add your battery:

1. Click on the **+Add** button.
2. Press **Scan** and choose the battery you would like to add.
3. The battery will be added to your list of devices.

Video Tutorials

How to charge and use your SiFly Powercell.
How to troubleshoot a SiFly Powercell.
How to update a SiFly Powercell.
How to take care of a SiFly Powercell.
How to transport a SiFly Powercell safely.

