



# Neo | Battery Charging Best Practises

Getting the most out of your Neo battery bank!

We recommend adopting the following best practices to ensure that Neo has the power to deliver an optimal clean each and every time.

## 1 Fully draining batteries (down to 0%) reduces battery capacity over time

If Neo issues a low battery warning, charge the batteries immediately to avoid harming them.

Whenever possible, charge Neo's batteries before the low battery threshold is reached.

## 2 Avoid leaving batteries in a low State of Charge for long periods of time

If you're going to be storing the batteries for an extended period of time, ensure the batteries are charged to at least 70% before storing. Check and recharge batteries every six months while in storage.

## 3 Avoid undercharging

"Undercharging" can refer to two things:

**A)** not fully charging

**B)** charging at or to a voltage which is too low

**Regarding "A":** When charging the batteries, charge to full before unplugging. Refer to the charge indicator light on the battery charger to confirm that batteries are fully charged.

**Regarding "B":** Using the Avidbots provided charger will ensure you're always charging the batteries at the correct voltage.

## 4 Avoid overcharging

Use a properly configured Avidbots-provided charger to ensure this is not an issue.

As a best practice Avidbots recommends unplugging the batteries when they are fully charged.



**Additional information regarding battery charging best practices can be in the Neo user manual.**

▶ Need assistance with your current battery bank or battery charger? Please contact the **Avidbots Technical Support Team** at [tech.support@avoidbots.com](mailto:tech.support@avoidbots.com) or **+1-855-928-4326 (ext 3)**.

▶ If you require replacement **battery sets** and **chargers** or are interested in our **Extended Battery Operations Kits**, please contact: [orders@avoidbots.com](mailto:orders@avoidbots.com)



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