



Our recommendations for charging a Segway Nickel battery

We recommend you do not have your Nickel-Metal Hydride Segway batteries continuously charging as it can significantly reduce the lifetime of the battery. To keep your batteries in good condition, please, follow these steps:

1. Purchase a digital switch timer
2. Plug your charger (the Segway) via the digital timer.
3. Set the timer so the charger (the Segway) can not be on for more than 8-10 hours per day.
4. We recommend to let the batteries rest for 30 minutes after the last operation and before starting the charging procedure.
5. After finishing the charging let the batteries rest for another 30 minutes before using them.
6. For long term storage charge the batteries fully, remove them from the Segway so they are not connected anyway. This way you can store your batteries safely, but we recommend to recharge them every 1-2 months. Long term storage like for 6-8 months would reduce the battery performance. This might be rectified by the following "slow charging" method. Charge your batteries fully, and discharge them by using the Segway until the PT indicates the batteries are low. Then lean the Segway to a wall, and let it fully discharge the batteries. Allow them fully charge for a 12-14 hours period. Repeat this full process until you notice the batteries take the full charge again. If this process is not successful, we recommend you to rebuild your batteries.
7. In case you are operating the batteries after our [Partial-](#) or full [Rebuild Service](#), please note that you have to make a full charging circle (discharge and charge it fully) 3 times before reaching its highest capacity.

Think over that if you use the same battery in different models, it can affect the range. For example on a single charge the i2 can support up to 24 miles/38 km of travel, while the x2 can support a trip of up to 12 miles/19 km. Keep in mind that travel distances are also dependent on payload, riding style and terrain.