Ubuntu 20.04 laptop battery documentation

This document goes over general documentation of my experience with battery performance and activity while using Ubuntu 20.04 on 2 different XPS 13 laptops (from 2020 July 9th to the present (Saturday, 2021, October 23rd) Please note that this range will not be updated unless the document is updated. I will still be using Ubuntu past 2021 October 23rd

1) Slowly charges 1-2 percent at a time up to 90%, slowly charges onward
2) 99% takes over 20 minutes to go to 100%, if the ETA says 3 minutes, it just recently reached 99%. If the ETA says 4 minutes, it is about halfway done. If the ETA says 5 minutes, it is going to reach 100% battery within the next 8 minutes.
3) Battery can drop 2% at a time with high CPU usage. It also sometimes does this at normal CPU usage.
4) Battery charges 2% at a time commonly, this is normal.
5) The system does NOT shut down at 10% battery as stated in the Ubuntu desktop guide, although it gives you a warning once it reaches 10% I only did this once though.
6) The battery can last months without charging if the system isn't in use and is shut down. It drops about 12% battery per 4 months in this state.
7) During times of battery percentage problems, the system may get stuck at 92% battery. It will throw a ridiculously large battery percentage, and will eventually skip to 100% battery. Immediately upon unplug, it will drop to 92% battery. The issue will take 1-9 power cycles to correct. I am not sure what causes this, it may be a different outlet, it may be a general battery error/decay.
8) Unconfirmed observation: sometimes, laptop instability can be caused by the battery dropping to a certain percentage range, the most common one being below 19%, the less common one being 20% to 29%, and the rarest one being 30% to 34%

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