

18650 Battery and Holder 2b



Wiseone

[VIEW IN BROWSER](#)

updated 14. 10. 2023 | published 14. 10. 2023

Summary

The 18650 battery is a LiPo technology and extensively used in commercial and industrial applications.

[Hobby & Makers](#) > [Electronics](#)

Tags: [battery](#) [18650](#) [batteryholder](#)

The 18650 battery is a LiPo technology and extensively used in commercial and industrial applications.

Here is my 3D model of another 18650 battery and a single battery holder. The battery and holder are modelled independently and can be selected individually. This holder has open sides so that you can get your fingers onto the battery for removal purposes.

If you're like me, it doesn't matter how much care you take, it's still possible to miss details in the 3D design. Typical missed details that will lead you into problems include:

- Parts encroaching on others.
- Hole spacings misaligned.

A 3D model of each component incorporated into your design helps avoid some of the design pitfalls.

I've included the STEP CAD file to assist people to incorporate the model into their designs.

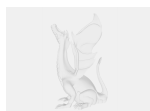
My print is made in PETG 1.75mm Aurarum neutral filament, with 0.2mm layer height and 15% infill on a PRUSA I3 MK3S printer.

I hope you can find this design useful, too.

Remember to leave me some feedback or even a tip to keep me enthused to make more of these drawings.

27/01/2021 UPDATED 02b:
18650 drawing made more accurate.

Model files



18650-battery-and-holder-02b.step



battery-holder.stl



18650-battery.stl

License ©

This work is licensed under a
Creative Commons (4.0 International License)



Attribution-NonCommercial

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use

- ✖ | Free Cultural Works
- ✖ | Meets Open Definition