



HivePack Battery Storage



FaultyCarbon

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Summary

Compact hex storage for AAA, AA, C, D or 18650 batteries

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Tags: [hexagon](#) [battery](#) [batteryholder](#) [batterycase](#) [batteries](#)
[batterybox](#) [batterystorage](#)

Tired of using inefficient battery box designs that waste space — and of batteries rolling around in drawers, hiding at the bottom of toolboxes, or rattling loose in kitchen junk drawers? This **hex-pattern battery organizer** is different: the hexagon geometry packs in maximum capacity while staying compact, and it's the first design of its kind you'll find on Printables.

- **Optimized Hex Design** – honeycomb geometry means maximum capacity in a compact footprint.
- **Big Capacity** – holds **27 or 52 batteries** for AA, AAA, or 18650 batteries. 10 for C and D variants.
- **Optional Lid** – slide the lid on to keep things neat in a drawer, or leave it open on the bench for quick grab-and-go access. There are two lid options per base: lid with clamps (snap shut) or lid without clamps. Base is the same regardless of which lid type you want.
- **Clearly Labeled** – lids are embossed with battery type on the side, with a carved label on top so you'll never mix them up.

- **Print-Friendly** – no supports needed. Base and lids are separate models, so you can print just what you need. A base and lid can be printed on a single sheet!

This design combines the efficiency of hexagons (nature's favorite shape) with the practicality of a tidy storage solution. Whether you're stocking up for game controllers, workshop tools, or kids' toys, you'll always know exactly where your batteries live.

Commercial use is NOT permitted. This includes selling physical prints of this model. For commercial licensing, contact me.

2025-09-18: Published original 52-count AA and AAA bases with lids

2025-09-23: Added 27-count variants

2025-10-20: Added 27-count 18650 variant with clamping lid

2025-10-20: Added clamping variants for 27-count and 52-count AA and AAA

2025-11-04: Added 52-count for 18650 variant

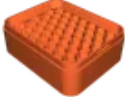
2025-11-04: Added 10-count C variant

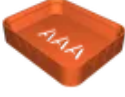
2025-11-05: Added 10-count D variant

Coming soon: 9V and CR123. Reach out if you have another variant/idea that I could add!

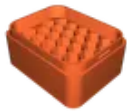
Model files

 **AAA** 6 files

**aaa-52-base.stl**

**aaa-52-lid-no-clamps.stl**

**aaa-52-lid-clamps.stl**



aaa-27-base.stl



aaa-27-lid-no-clamps.stl

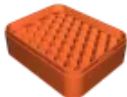


aaa-27-lid-clamps.stl



AA

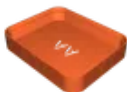
6 files



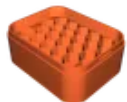
aa-52-base.stl



aa-52-lid-no-clamps.stl



aa-52-lid-clamps.stl



aa-27-base.stl



aa-27-lid-no-clamps.stl



aa-27-lid-clamps.stl



C

3 files



c-10-base.stl



c-10-lid-no-clamps.stl



c-10-lid-clamps.stl



D

3 files



d-10-base.stl



d-10-lid-no-clamps.stl

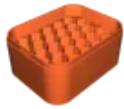


d-10-lid-clamps.stl



18650

6 files



18650-27-base.stl



18650-27-lid-no-clamps.stl



18650-27-lid-clamps.stl



18650-52-base.stl



18650-52-lid-no-clamps.stl



18650-52-lid-clamps.stl

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