



Parametric AA & AAA Battery Holders (50 slots)



sina chavoshi

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Summary

Grid trays that keep 50 AA or 50 AAA batteries upright and sorted.
Parametric OpenSCAD: change rows, columns and size.

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Two simple, grid-style battery organizers that keep batteries upright, sorted and easy to grab. Each is a solid, rounded tray with cylindrical pockets.

- **AA holder:** 10 × 5 grid (50 batteries), 14.6 mm pockets, 157 × 79 × 20 mm
- **AAA holder:** 10 × 5 grid (50 batteries), 10.6 mm pockets, 117 × 59 × 20 mm

Printing

Prints flat with no supports. Any material works; PLA at 0.2 mm layers with 15 % infill is plenty.

Customize it in your browser

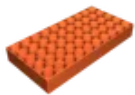
Both models are fully parametric (rows, columns, pocket diameter, wall thickness, height). Open them in the free OpenSCAD Playground, change the numbers and export your own STL: [AA holder in OpenSCAD Playground](#) · [AAA holder in OpenSCAD Playground](#)

Source

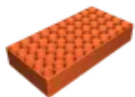
The OpenSCAD source and the rest of my models are on GitHub: github.com/SinaChavoshi/3d_printer_agentic_models

Designed with AI assistance in OpenSCAD.

Model files



aa_battery_holder.stl



aaa_battery_holder.stl

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