



IKEA Skådis AA Battery Dispenser (Split Design)



Vinors3DLab

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Summary

A smart, modular gravity-fed AA battery dispenser designed specifically for the IKEA Skådis pegboard system.

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A smart, modular gravity-fed **AA battery dispenser** designed specifically for the **IKEA Skådis** pegboard system.

To optimize printability, reduce support requirements, and fit efficiently on any standard 3D printer bed, this dispenser is split into **two separate pieces (Left and Right sides)**. Each piece features **three vertically aligned hooks** for a rock-solid, non-wobbling mount on your pegboard.

Key Features

- **Modular Two-Piece System:** Consists of individual Left and Right side brackets. This allows easy, support-free or low-support printing and perfectly fits standard AA batteries.
- **Ultra-Stable Mounting:** Equipped with **3 vertical hooks per side** (6 hooks total), preventing tipping, flexing, or sliding when loading and retrieving batteries.
- **Gravity-Fed Reloading:** Load fresh batteries from the top and grab them easily from the bottom tray.
- **Clean & Compact:** Keeps your desk clutter-free and your rechargeable or standard AA batteries organized and always accessible.

Do you like this design?

Community support is what turns ideas into new free files (and keeps my printer fed with filament!).

- **Leave a Like:** It costs nothing, prevents wet filament, and motivates me to keep designing!
- **Share a Make:** I love seeing my designs printed in wild colors and fancy filaments.
- **Follow Vinors3DLab:** Hit that Follow button so you don't miss upcoming releases, extra modules... and to keep the algorithm happy!

Recommended Print Settings

- **Orientation:** Print each half flat on its outer side face to ensure maximum layer strength along the hooks.
- **Infill: 20% to 30%** (Gyroid or Grid for optimal durability).
- **Wall Loops / Perimeters:** 3 or 4 walls for maximum hook strength.
- **Supports: Minimal / None** (depending on your printer's bridging and overhang performance for the hooks).
- **Layer Height:** 0.20 mm.
- **Material:** PLA, PETG, or ABS/ASA.

Assembly & Mounting Instructions

1. Print both the **Left** and **Right** dispenser modules.

2. Align and insert the three vertical hooks of the Left piece into your IKEA Skådis board.
3. Align and insert the Right piece into the adjacent Skådis slots.
4. Test with an AA battery to ensure proper spacing, then fill with your batteries!

If you like this design, please leave a star/like, post your make, and check out my other IKEA Skådis compatible accessories!

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Model files



sbdl.3mf



sbdr.3mf

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