



9V battery holder



Fractal

[VIEW IN BROWSER](#)

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Summary

A strong and durable 9V battery holder.

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A strong 9V battery holder. It's pretty durable, I printed with ABS first time, I regret that a lot. I don't recommend that because of warping, unless you have enclosed 3D printer. Later I tried with PLA and PET-G as well, it had the same durability but better print quality. The battery is secured in place with a rubber band.

Printer: Wanhao Duplicator i3

Supports: Yes (required for those hanging parts, unless if you manage to align the model for printing without supports, I haven't found solution for that, yet)

Print resolution: 0.2

Infill: 20% (you can print it with > 20% infill density, I wouldn't recommend going under that, neither printing with very high infill density - mostly because of warping)

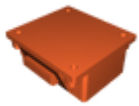
Filament that I used: Wanhao - ABS - Green (as I said, use PET-G or PLA, it will have same durability)

Slicer: Cura

Note: The model is upside down, because I flipped it in Fusion360, that's not a problem, you can easily lay it on it's flat surface in most of the slicers. (Cura, PrusaSlicer, SuperSlic3r)

Photos are old, I will upload new ones if I print it again and if I won't forget to take photos. :)

Model files



9v_battery_holder.stl

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