



AA and AAA battery holders, IMPROVED



Larry Guo

[VIEW IN BROWSER](#)

updated 22. 5. 2022 | published 22. 5. 2022

Summary

Fastest print for carrying and storing AA/AAA batteries. Also includes bonus 2x protected 18650 holder.



0.63 hrs



6 pcs



0.20 mm



0.40 mm



PET



5 g



Prusa
MK2.5/S

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

Tags: [aa](#) [aaa](#) [battery](#) [carrier](#) [holder](#) [nimh](#)
[rechargeable](#)

If you use rechargeable batteries, you will need a place to keep them when they are not in use. This holder/carrier will allow you to toss them into a bag or drawer without worrying that they will short against something metal. They are designed to be quick to print and use minimal material.

This is a remix of my original battery holders. With this remix I'm addressing a problem with the original version where the batteries in the end slots were difficult to insert and remove. A small taper at the bottom also gives more flexibility, protecting the batteries and resisting breakage if the holder is dropped.

Works well when printed in a transparent/translucent filament so you can see which batteries are inside.

PETG recommended for flexibility and impact resistance.

Can be printed in vase mode.

This remix is based on



AA and AAA battery holders

by Larry Guo

Model files



3aa.stl



3aaa.stl



2aaa.stl



4aa.stl



2aa.stl



4aaa.stl



2x18650p.stl

☐ holds 2 protected (70mm long) 18650 batteries

Print files



I_petg_3aaa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.37 hrs ⚖️ 2 g 🖨️ Prusa MK3/S/S+



I_petg_4aaa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.47 hrs ⚖️ 3 g 🖨️ Prusa MK3/S/S+



I_petg_2aaa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.28 hrs ⚖️ 2 g 🖨️ Prusa MK3/S/S+



I_petg_3aa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.49 hrs ⚖️ 3 g 🖨️ Prusa MK3/S/S+



I_petg_2aa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.36 hrs ⚖️ 2 g 🖨️ Prusa MK3/S/S+



I_petg_4aa.gcode

🌀 PET 🌀 0.40 mm ≡ 0.20 mm ⌚ 0.63 hrs ⚖️ 5 g 🖨️ Prusa MK3/S/S+

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