



18650 Battery Rugged Case

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updated 27. 8. 2021 | published 27. 8. 2021

Summary

I designed this to carry 15 18650 batteries. The battery divider is removable. It is a remix of <https://www.thingiverse.com/thing:4757317>

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I designed this to carry 15 18650 batteries. The battery divider is removable. It is a remix of <https://www.thingiverse.com/thing:4757317>. I re-designed the hinge and latch, made it thicker and to use M3 bolt. I used the latch from <https://www.thingiverse.com/thing:4582978>.

I printed in .4 nozzle. Slice the hinge part and the latch mounting to 100% infill or increase the wall count to make it solid. Print the divider minimum of 2 walls no infill.

It needs a little bit of sanding on the hinges. You will need M3x20 and M3x30 2 each, nut is optional.

*Uploaded Fusion 360 file for those who want to remix it. The file is a bit messy as i am a newbie on Fusion 360.

Model files



box-latch.stl



18650-battery-box-top.stl



18650-battery-box-bottom.stl



18650-battery-divider.stl



18650-box-v27.f3d

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