



FPV long range battery pack

MM MakerMe

[VIEW IN BROWSER](#)

updated 6. 8. 2024 | published 6. 8. 2024

Summary

Bumper for 18650 4s1p battery pack

[Hobby & Makers](#) > [RC & Robotics](#)

Tags: **18650** **bumper** **4s1p**

I made a custom bumper for 4s1p 18650 battery pack. The other ones didn't provide enough protection or were not light/small enough. This bumper weights only 2.8g but has enough plastic in the right places to protect the cells.

Print with harder TPU like 40D or even 95A/55D. You will need supports from the base plate but they should be fairly easy to remove if you have your TPU prints dialed in. I find **FiberFlex 40D** to print much nicer than other TPU: good adhesion, little to no stringing.

Walls: 2

Bottom layers: 2

Top layers: 3

Infill: 15%

Minimum sparse infill treshold: 1

Model files



18650_bumper.stl

License

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



[Attribution-NonCommercial](#)

-
- ✗ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✗ | Commercial Use
 - ✗ | Free Cultural Works
 - ✗ | Meets Open Definition