



18650 Battery Storage Box for 50 Cells



Whity

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Summary

A simple storage box in a rugged box style holding up to 50 18650 batteries

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Tags: [water](#) [box](#) [organizer](#) [case](#) [storage](#) [battery](#)
[storagebox](#) [18650](#) [seal](#) [cell](#) [organize](#) [18650battery](#)
[accu](#) [ruggedcase](#) [rugged](#) [watertight](#) [ruggedbox](#)

The case is based on my parameterizable “[Rugged Box](#)”.

Support my work

For non-Prusa parts and filaments, check out 3DJake ([International](#), [UK](#), [Germany](#), [France](#)).

I'll get a small cut of any order you fulfil using these links (at **no** additional cost for you 😊).

If you want to support my work directly, you can [buy me a coffee](#).

If you want to order a Prusa printer and earn some Prusameters (I will also get some), you can use my referral code “[@Whity](#)” at checkout or click one of the following links

(the code only works for the first order of each printer model):

| [CORE One](#) | [CORE One Kit](#) | [MK4](#) | [MK4 Kit](#) | [MINI+](#) | [MINI+ Kit](#) | [XL](#) | [SL1S](#) | [SL1S+CW1S](#) |

Also check out [my other models](#).

Assembly

You will need six M3x30 screws to assemble it. For another screw length (or other modifications) you can change the parameters within Fusion 360 using the provided f3d file.

You will need a fitting piece of foam for the lid to fixate the batteries when closed (10mm)

Screws

I like these screws which have a nice round head:

[Allen hex socket button head screw](#)

Or, if you want no screw head at all, which I personally like even more:

[Hex socket set screws](#)

Note: I recommend the stainless steel ones. The blackened ones are oily and have to be cleaned.

This remix is based on



Rugged Box (Parametric)

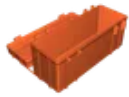
by Whity

Model files



STL Files

5 files



18650-rugged-box-50pcs-rugged-box.3mf



18650-rugged-box-50pcs-bottom.stl



18650-rugged-box-50pcs-lid.stl



18650-rugged-box-50pcs-latch.stl



18650-rugged-box-50pcs-seal.stl

☐ The seal is optional and has to be printed in TPU



F360 & STEP Files

2 files



18650-rugged-box-50pcs.f3d



18650-rugged-box-50pcs.step

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