

Protective cover for DC Binding Posts

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Summary

Flex protective hoods for the backside of DC binding posts, used to recharge batteries or connect wire terminals.

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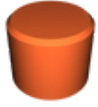
I made a battery pack using an ammo box and a 12V, 4S LiFePO4 set of cells. The box came out great and is since used regularly for my outdoor astronomy activities.

I bought **two binding posts** to recharge the battery with the usual ring or fork flat terminals. My issue was that on the backside of the posts, inside the ammo box, I had two bare, uninsulated M8 bolts and nuts.

The solution was to print two TPU covers, pressure-fitting these bolts and the terminals. The covers came out really well.

I printed them on a Prusa original Mini with a Sunlu TPU filament at 240°C, 60°C bed, 20 mm/s, 0.2 layers and 10% gyroid infill.

Model files



bind-post-safety-cover.stl

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