

## Solar panel MPPT controller enclosure



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### Summary

A protective case for a cheap & popular 5A solar panel controller

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Tags: [dc/dc](#) [mppt](#) [solarpanel](#) [solarpower](#) [stepdown](#)  
[solarcontroller](#)

This is an enclosure for a popular ~10€ 5A solar panel controller which often is applied in USB charging applications. Nothing special again, just a q&d design to protect all the sensitive parts while leaving access to potentiometers and knobs.

It's fitted for the single-display version.

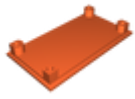
Some links for comparison:

<https://aliexpress.com/6php>

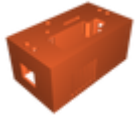
<https://www.ebay.de/itm/272795749639>

Printed in black PC but I guess any material better than PLA would be fine. Additionally you'll need 4 pieces of M3x10 or M3x8 countersunk plastic screws. Please also pay attention to the fact that the lid is slightly asymmetric. If it isn't a perfect fit, just rotate it by 180°.

# Model files



mppt\_1\_2\_unten.stl



mppt\_1\_2\_oben.stl

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