



DPS 3005 power supply case



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updated 24. 3. 2022 | published 21. 3. 2022

Summary

Industrial power supply with DPS Dc converter.

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I have unused 24v power supply laying around so I've made case for it so it can act as "lab" (big quotes here) power supply

it uses DPS3005 dc dc module (or any with same form factor) and some other parts like power cord:

1x AC-17 250V 10A fused Rocker Switch Socket IEC320 C14 Socket 2 pin AC Socket Femal Connector Socket

1x DPS 3005

1x Banana plugs Couple Terminals Red Black

and of course power source - I ve used the one from the picture JC-360-24 so other brands may have different hole patterns.

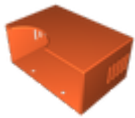
The process is pretty straight forward. The most tricky part is to route 24v from back to front. I used drillbit and perfored front and back of the power supply (it is made from alluminium so it was easy), but maybe it can be

squished there somehow. Then you should wire everything up and power supply is ready to go.

Model files



dsp_back.stl



dsp_front.stl

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