Mechanical changes

Power supply:

RSP-1000-24 has preference as it is quite good available, a good price, good connectivity and conforms to most important certifications.

Graphical user interface, application, table

Description automatically generated

The base needs to be increased in height, as the power supply is 41 mm = 1.62 inch.

Current height under grid section is around 0.67 inch. Increasing this by just over an inch makes sure the power supply fits.

A picture containing table

Description automatically generated

Mounting the power supply to the base should be done with the holes that are provided, where the scres can be screwed in from the top section where the grid resides.

Diagram

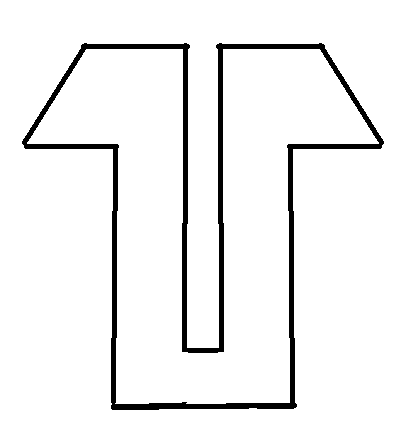
Description automatically generated

Tower:

The tower mechanical design changes are a bit harder.

There needs to be mounting possibility for the pcb, if possible screwless.

And the overall size needs to increase a bit.



Mounting studs to mount without using screws.