

ONErack patent pending

Installation Guide



Internal power supply

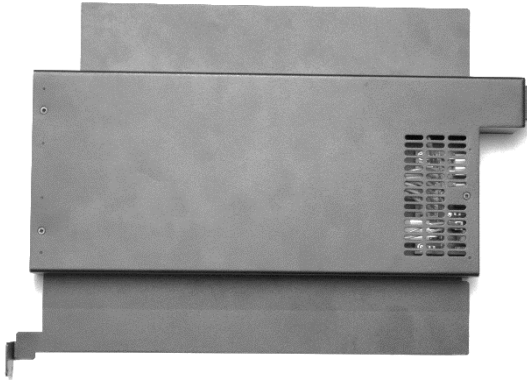
MNL-1RK-PSU v1.10

Tools

Pozidriv® PZ1 crosshead screwdriver

In the box

- 1 Internal power supply



- 2 Daisy-chain cables



- 2 Guide rails



- 2 M3 screws



- 1 Power lead, AC (appropriate for your region)



In the unlikely event that a component is missing or damaged, please contact tech.usa@tvone.com or tech.europe@tvone.com

Mounting the internal power supply

To avoid damaging your ONErack, build it in a clean, tidy area.

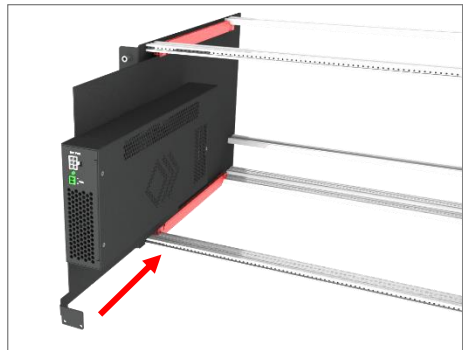
This installation guide assumes you have already built a ONErack chassis. For information on building a chassis, see the installation guide for the ONErack chassis.

You can place the internal power supply anywhere in your ONErack chassis. If you decide to mount the internal power supply at the right-hand end of the chassis, leave a minimum of 10 numbered holes to the right of the guide rail. This allows space for airflow.

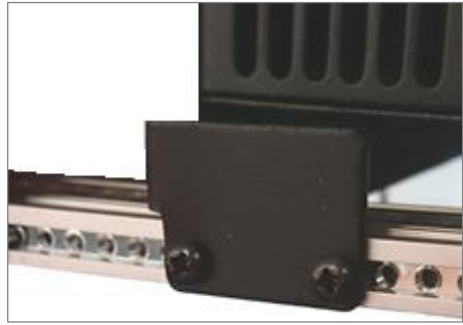
1. Clip the guide rails into the lower and upper mounting rails. Use the numbers to help you fit the guide rails straight and in line with one another. Make sure the groove is on the right when you look from the front of the chassis.



2. Slide the internal power supply into the groove in the guide rails.



3. Screw the internal power supply in place with the two M3 screws.



4. OPTIONAL: Connect one or both of the daisy-chain cables to the rear of the internal power supply, ready for your modules.

You only need to connect a daisy-chain cable to the upper port if you intend to create an upper rail with extra voltage selectors.

5. When you have connected all your modules with daisy-chain cables, connect your internal power supply to mains power. The green LED on the front of the internal power supply lights up. For information on installing modules, see the installation guide for ONERack modules.



Safety



Risk of electrical shock

- Do not open the cover of the internal power supply.
- There are no user-serviceable parts inside.



Risk of damage to equipment

- Each daisy-chain cable is protected by an 8 A fuse. Do not overload the cables.
- The internal power supply can supply up to 200 W to a single daisy-chain, or up to 250 W across two daisy-chains. Do not overload the internal power supply. If the internal power supply is overloaded, it will not start.
- Do not block the vents of the internal power supply. If the internal power supply overheats, it shuts down and will not restart.


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