

The **TRC-E - HRP300450600** is designed to house MEAN WELL **HRP-300, HRP-450, and HRP-600** power supplies as well as the **HRPG-300, HRPG-450, HRPG-600, HRPG-1000** versions. Our TRC enclosure has a silver powder paint finish with an easily accessible cover that is removable. This indoor enclosure is ideal when a permanently installed power supply is required for your application and it meets NEMA 1 requirements.



**Compliance:** ETL listed to **UL STD 508A**

**TRC Part #:** TRC-E-HRP300450600

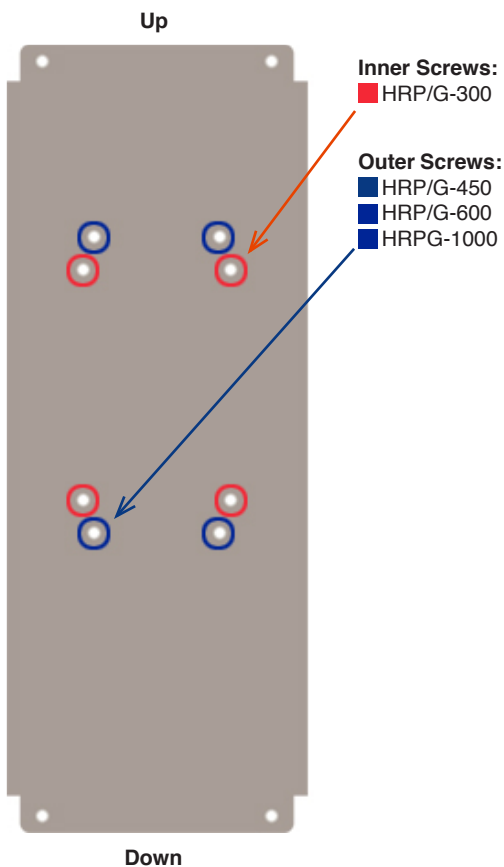
**Weight:** 5 lbs

**Dimensions:** 16.25"L x 3.06"H x 6.19"W

**Functional features:**

- Designed for contractor installation
- Rugged NEMA 1 steel enclosure
- Integral mounting tabs with (4) .25" mounting holes for surface mounting
- (5) 1/2" NPT Knockouts
- Fits MEAN WELL HRP/G-300 / -450 / -600 and HRPG-1000 Power Supplies

**MEAN WELL HRP/G-600 shown with cover**



### Warning

To avoid electric shock, do not energize any circuits before all internal and external electrical and mechanical clearances are checked to assure that all assembled equipment functions safely and properly.

### Important use notes

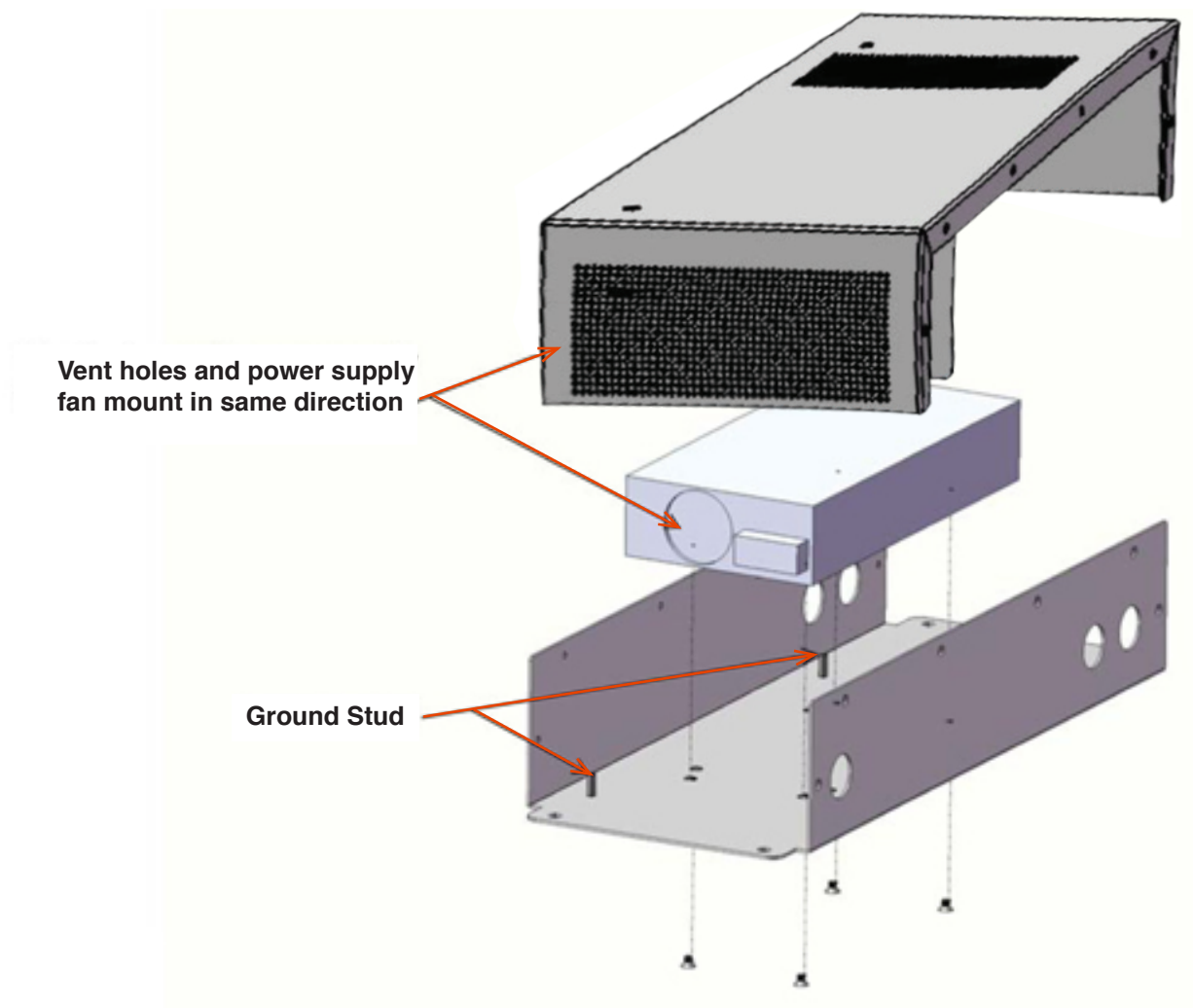
- This enclosure must be used with voltages below 600V
- This enclosure must be installed in accordance with the National Electrical Code, ANSI/NFPA 70, where the ambient temperature does not exceed 40°C (104°F) maximum
- This enclosure is for indoor use only

### Compliance information

This enclosure is ETL listed to **UL STD 508A**

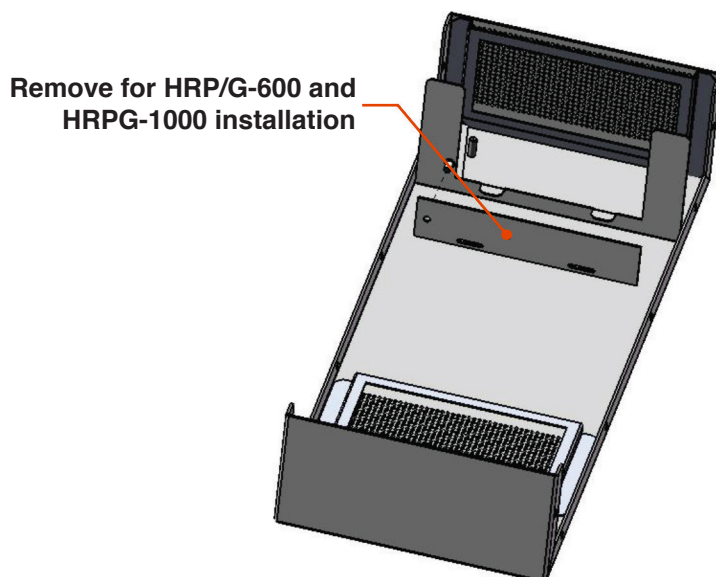
### Installing MEAN WELL power supplies

This enclosure has been designed to house MEAN WELL **HRP-300, HRP-450, and HRP-600** or MEAN WELL **HRPG-300, HRPG-450, HRPG-600** and **HRPG-1000** switching power supplies, and is provided with mounting hole positions to fit any of these power supplies.



Install the required Power Supply using the 4 provided M4x6mm Mounting Screws. **Do Not over tighten.** It is recommended that these screws be secured with a workable thread lock compound such as Loctite 222MS or equivalent.

Remove metal baffle section attached with 8-32 Kep nut for installation of HRP-600, HRPG-600 and HRPG-1000 power supplies. This baffle section must be in place for HRP-300 and HRP-450 power supplies.

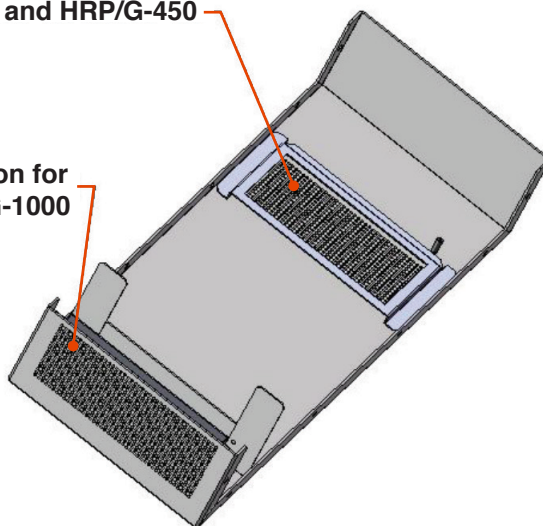


#### Air Filter

Air filters have been installed in the enclosure and must remain installed in the air inlet part of the enclosure. Air filters are installed in both positions for HRP-300, HRP-450 and HRP-600 power supplies. The air filter installed on the air outlet must be removed before power supply operation. The correct air filter placement is shown in the diagram on the next page.

Air filter location for HRP/G-300 and HRP/G-450

Air filter location for HRP/G-600 and HRPG-1000



### Mounting Instructions

Mounting Tabs have been provided on the enclosure back box for convenient mounting of the enclosure. Each mounting tab is provided with .250" holes for installer-provided #10 hardware.

Mount the enclosure in a suitable location that assures free airflow to and around the enclosure. Make sure the power supply fan and enclosure ventilation holes are not obstructed and vent holes are positioned on same side (shown above).

Standard 1/2" NPT Knockouts are provided for wire entry and exit.

### Grounding

This enclosure has been provided with two sets of ground studs with a ground bond jumper for ground connection between the back box and the cover. The ground bond wires between cover and back box, and to the power supply, should be attached to the closest ground studs using the provided hardware. See the drawing below:

