

RACPRO1 Family of Industrial DIN Rail Power Supplies



The RACPRO1-T240, -T480, and -T960 power supplies deliver 240W, 480W, and 960W, respectively. All members of the family support a universal, three-phase AC input voltage range of 3x320VAC to 3x576VAC. The family also supports a universal DC input voltage range from 430VDC to 850VDC, allowing the parts to support renewable energy and micrgrid applications.

Offering an exceptional lifetime of 80,000+ hours, the RACPRO1 family sets a new standard for DIN rail-mounted power supplies. In addition to their ergonomic design, which includes 25-degree toolless and maintenance-free push-in connectors for both inputs and outputs, the family boasts small widths, low weights, high mains input surge immunity (up to 6kVAC), high return voltage immunity (>35V at the output), and support for an extended temperature range (-40°C to +70°C).

The RACPRO1 family serves a broad range of applications, including, but not limited to, the following:

- Industrial automation and smart manufacturing
- Renewable energy and microgrids
- Infrastructure, traffic engineering, and smart cities
- Power distribution and battery storage systems
- Test and measurement equipment

The load indicators on the T480 and T960 allow you to quickly determine the appropriate unit for each application. In addition, both units enable you to select between a constant current (CC) mode for tasks like battery-charging applications and a load sharing mode for parallel operation.

In parallel mode, you can connect two or three T480s or T960s in parallel to double or triple their current delivery capability, respectively. In addition, their reduced no-load power consumption of 1W (T240) to 3W (T480 and T960) means that these power supplies provide significant energy savings during no-load and standby operations.

Datasheets and additional information can be found on: <https://recom-power.com>