

Panel Mount Power Supply PMR Series

1,000 W Output Supporting
Max. 4 Units in Parallel



Active Current
Sharing



Built-In Active
PFC



High Power Density
with Compact size

Industrial Power Supplies

Delta Expands Panel Mount Power Supply PMR Series with the New 1,000W Model and Parallel Connection

To fulfill the demanding industrial and commercial applications, Delta expands its PMR Series panel mount power supply with the new PMR-1K0W model, delivering up to 1,008 W of reliable output power and an efficiency of up to 94%. With active current sharing, it provides up to four units to operate in parallel, achieving flexible and scalable power integration.

This product also offers high power density with output voltage options of 12 V, 24 V, 36 V, and 48 V in a compact 1U form factor (225 × 124 × 41 mm), consequently making it ideal for high-performance applications such as collaborative robot arms (Cobot), laser cutting machines, electric vehicle chargers, and logistics equipment.

Moreover, the PMR-1K0W stands out with its built-in active power factor correction (PFC) and adherence to IEC/EN

61000-3-2 Class A standards, which are crucial for controlling harmonic emissions on the grid. Together, these advantages guarantee optimal power quality and seamless integration, illustrating its superior efficiency and advanced electricity quality to the grid.

Additionally, this unit operates stably across a wide temperature range of -40°C to +70°C. With conformal coating protection and a Pollution Degree 3 rating, it is well-suited for harsh or temperature-variable environments. Its integrated remote ON/OFF and remote sense functions facilitate advanced control and monitoring. Furthermore, it complies with critical international safety standards such as IEC/EN/UL 62368-1, IEC/EN 60335-1, and IEC/EN 61558-1/-2-16, alongside all relevant regional certifications. These advanced control capabilities, paired with its sturdy safety, position the PMR-1K0W as an impeccable Industry 4.0-ready application.

Product Information

Panel Mount > PMR Series 1,000 W



PMR-12V1K0W1BT	12 V / 60.0 A https://deltapsu.com/en/products/panel-mount-power-supply/PMR-12V1K0W1BT
PMR-24V1K0W1BT	24 V / 42.0 A https://deltapsu.com/en/products/panel-mount-power-supply/PMR-24V1K0W1BT
PMR-36V1K0W1BT	36 V / 28.0 A https://deltapsu.com/en/products/panel-mount-power-supply/PMR-36V1K0W1BT
PMR-48V1K0W1BT	48 V / 21.0 A https://deltapsu.com/en/products/panel-mount-power-supply/PMR-48V1K0W1BT

- Please contact your local sales representative for product availability. Alternatively, you may leave us a message and our sales representative shall get back to you.

Features

- Built-in active PFC and IEC/EN 61000-3-2 Class A compliant for harmonic current limits
- Active current sharing supports parallel connection of up to 4 units
- Built-in Remote ON/OFF and Remote Sense
- Compact size with 1U design
- Terminal block cover and conformal coating for enhanced protection
- Wide operating temperature -40°C ~70°C
- Certified for both household appliance applications, per IEC/EN 60335-1, and industrial power use, per IEC/EN 61558-1 and IEC/EN 61558-2-16

Applications



Logistics Equipment



Cobots



Laser Cutting Machines



Electric Vehicle Chargers