

Panel Mount Power Supply PMT2 Series

600 W Model Delivering 200% Peak Power
in a Low-Profile Design



200% Peak
Power



300 V_{AC} Surge
Immunity



-40°C to +70°C
Operating Temp.



Industrial Power Supplies

Expanding the Spectrum of the PMT2 Series Panel Mount Power Supplies: Delta Introduces the New 600 W Model with Robust 200% Peak Power

As industrial equipment becomes more compact while demanding higher power, Delta expands its PMT2 Series panel mount power supplies with the new 600 W model - PMT-600W. Delivering 600 W of continuous power across 12 V, 24 V, 36 V, and 48 V output options, it also provides a selectable AC input range (90–132 V_{AC} / 180–264 V_{AC}), ideal for diverse applications such as factory automation, industrial equipment, and commercial vending.

To maximize cabinet space and system stability, the Series features a 1U low-profile enclosure measuring 225 × 124 × 41 mm (8.86 × 4.88 × 1.61 inches). Built for full operational resilience, it endures 300 VAC input surges for up to 5 seconds against

grid fluctuations, while delivering 200% peak power for 5 seconds to sustain heavy load startups.

Tailored for demanding industrial settings, the unit operates across a wide temperature range of -40°C to +70°C with cold-start capability down to -40°C. Furthermore, an efficient cooling fan and comprehensive protection, including short circuit (SCP), overcurrent (OCP), overvoltage (OVP), and overtemperature (OTP), safeguard reliable performance and minimize unexpected downtime. Beyond its rugged durability, this robust model is certified to IEC/EN/UL 62368-1, facilitating seamless integration into global industrial power systems for equipment manufacturers.

Product Information

Panel Mount > PMT2 Series

600 W



PMT-12V600W2BR	12 V / 50.0 A https://psu.deltaww.com/en/products/panel-mount-power-supply/PMT-12V600W2BR
PMT-24V600W2BR	24 V / 25 A https://psu.deltaww.com/en/products/panel-mount-power-supply/PMT-24V600W2BR
PMT-36V600W2BR	36 V / 16.67 A https://psu.deltaww.com/en/products/panel-mount-power-supply/PMT-36V600W2BR
PMT-48V600W2BR	48 V / 12.5 A https://psu.deltaww.com/en/products/panel-mount-power-supply/PMT-48V600W2BR

- 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

- Switch-selectable AC input range: 90–132 V_{AC} / 180–264 V_{AC}
- Withstands 300 V_{AC} input surges for up to 5 seconds
- Delivers 200% peak power for 5 seconds
- Compact 1U low-profile with 41 mm height
- Certified to IEC/EN 62368-1 standard
- Wide operating temperature -40°C ~ 70°C

Applications



Factory Automation



Injection Molding Machine



CNC Machine



Commerical Vending