

# Open Frame Power Supply PJ Series

## 200% Power Boost for Smart Devices



200% Power  
Boost



-40°C  
Cold Start



Conformal  
Coating



### Industrial Power Supplies

## Delta Introduces Next Generation Open Frame Power Supply PJ Series with 200% Power Boost for Reliable Start-Up

Delta introduces the new generation PJ Series open frame power supplies, offering 100W and 150W models with 12 V, 24 V, and 48 V output options. Supporting both AC (85–264 V<sub>AC</sub>) and DC (120–373 V<sub>DC</sub>) inputs, the Series is tailored for diverse industrial applications, from packaging and logistics to KIOSK machines and high-precision measurement equipment.

A crucial enhancement is its 200% power boost for up to 10 seconds, which sustains high startup inrush currents from motors and solenoids. This feature removes the uncertainty of accommodating peak power loads, eliminating the need to over-specify the power supply and ultimately delivering a more cost-effective design with superior space utilization.

Additionally, the PJ Series simplifies system integration by minimizing design complexity and optimizing space.

Specifically, a built-in remote ON/OFF function provides integrated control from external systems, while the compact 27 mm low-profile open frame design fits easily into space-constrained installations. For operation in harsh environments, the Series features –40°C cold start capability and guarantees long-term reliability through conformal-coated PCBAs, providing a robust barrier against dust, moisture, and chemical contaminants within industrial machinery.

Furthermore, the Series meets major international safety standards, including IEC/EN/UL 62368-1, and is fully compliant with Japan's PSE (DENAN) regulations, ensuring global reliability and streamlined entry into the Japanese market. With its outstanding efficiency, high power factor, and optional enclosed frame, the PJ Series is the premier choice for seamless integration across diverse power infrastructures.

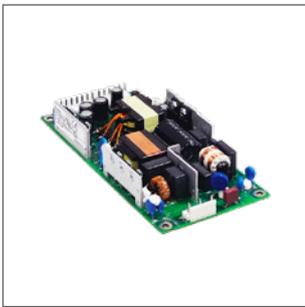
## Product Information

### Open Frame > PJ Series 100 W



PJ-12V100W□RA	12 V / 8.5 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-12V100WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-12V100WDRA</a>
PJ-24V100W□RA	24 V / 4.3 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-24V100WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-24V100WDRA</a>
PJ-48V100W□RA	48 V / 2.1 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-48V100WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-48V100WDRA</a>

### 150 W



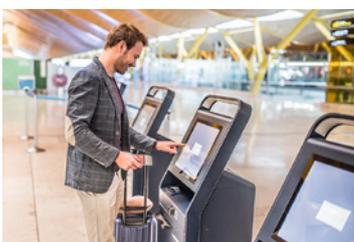
PJ-12V150W□RA	12 V / 12.5 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-12V150WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-12V150WDRA</a>
PJ-24V150W□RA	24 V / 6.3 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-24V150WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-24V150WDRA</a>
PJ-48V150W□RA	48 V / 3.2 A <a href="https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-48V150WDRA">https://psu.deltaww.com/en/products/open-frame-power-supply/PJ-48V150WDRA</a>

- 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

- 200% power boost for 10 secs.
- Compliant with Japan PSE (DENAN) regulations
- Built-in remote ON/OFF
- Low profile design
- Low inrush current / low leakage current
- High efficiency and PF to conserve energy
- Complies with IEC/EN 61000-3-2, Class A for harmonic current emissions
- Robust conformal-coated PCBAs protect against dust and chemical contaminants
- Available in open frame and enclosed configurations

## Applications



KIOSK Machine



Refrigerated Display Cabinet



Conveyor & Logistic



Test & Measurement Equipment