

# PMR-48V240W1AT Delta 48V 240W 1U Panel Mount Power Supply

**SKU:** PMR-48V240W1AT

**Price:** \$80.00

**Categories:** Switching Power Supplies

**Tags:** Delta

**Product Link:**

<https://www.electspares.com/product/pmr-48v240w1at-delta-48v-240w-1u-panel-mount-power-supply/>

---

## Product Description

---

The Delta PMR-48V240W1AT is a high-performance 240 W panel mount power supply with a nominal output voltage of 48 VDC, specifically engineered for space-constrained industrial automation and telecommunications infrastructure. Driven by a high-efficiency circuit design with integrated Active PFC, this unit operates within an optimized input voltage range of 90 - 264 VAC, delivering a continuous and stable current of 5.0 A. Its ultra-low-profile 1U design with a compact length of 159 mm and rugged aluminum housing facilitates efficient thermal management through natural convection, maintaining high reliability even in high-density rack environments. Constructed with long-life capacitors and featuring built-in overvoltage, overcurrent, and overtemperature protection, this 450 g power supply provides a dependable and energy-efficient DC power solution for LED lighting systems, industrial control panels, and outdoor telecommunications cabinets at the end.

PMR-48V240W1AT Parameters

Model Number: PMR-48V240W1AT

Manufacturer: Delta

Series: PMR Series

Type: Panel Mount Power Supply (1U Low Profile)

Dimensions: 159 x 97 x 30 mm

Weight: 450 g

Cooling: Natural convection

Nominal Output Voltage: 48 VDC

Output Voltage Adjustment Range: 43.2 - 52.8 VDC

Input Voltage Range: 90 - 264 VAC

Input Frequency: 47 - 63 Hz

Nominal Output Current: 5.0 A

Output Power: 240 W

Efficiency: > 91.0 % (Typical at 230 VAC)

Power Factor: Active PFC (Full range)

Leakage Current: < 0.5 mA

Line Regulation: < 0.5 %

Load Regulation: < 0.5 %

Ripple & Noise: < 200 mVpp

Isolation Voltage: 3.0 k VAC (Input to Output)

Protective Features: Overvoltage / Overcurrent / Over-temperature / Short circuit protection

Operating Temperature: -20 - +70 °C

Storage Temperature: -40 - +85 °C

Standard Compliance: IEC/EN/UL 60950-1; IEC/EN 62368-1; EN 55032 Class B

Approval Agency: UL; TUV; CE; CCC; CB

#### Application

The Delta PMR-48V240W1AT power supply is primarily utilized in industrial control cabinets, telecommunications distribution boxes, professional LED signage, and 48V battery charging systems for automated guided vehicles (AGV).

## **Product Images**

---









---

Scan for product details:

