

PFC0612DE-9M1Z Delta 12VDC 60x60x38mm PWM Axial Fan Datasheet



Brand: Delta

SKU: [992449191315](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pfc0612de-9m1z-delta-12vdc-60x60x38mm-pwm-axial-fan>

Product Description

Delta PFC0612DE-9M1Z is a 12VDC 60x60x38mm axial fan optimized for extreme thermal impedance in dense server chassis and power supply units. Engineered with an advanced brushless DC motor and precision bearing architecture, this compact unit delivers exceptional structural rigidity and aerodynamic efficiency under demanding continuous loads. Drawing 1.68A, it generates massive static pressure to overcome restrictive airflow paths in 1U and 2U rackmount systems. The integrated 4-wire PWM interface allows for dynamic speed regulation, ensuring optimal thermal management while minimizing acoustic output during idle states. This server cooling fan serves as a robust replacement fan for mission-critical industrial hardware requiring uncompromising airflow delivery.

Model Number: PFC0612DE-9M1Z

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 1.68 A

Power: 20.16 W

Dimensions: 60 x 60 x 38 mm

Termination: 4-Wire Lead Wires

Speed Control: PWM

Sensor: Tachometer (Speed Sensor)

Motor Technology: Brushless DC

Housing Material: Plastic UL94V-0

Blade Material: Plastic UL94V-0

PFC0612DE-9M1Z Applications

1. 1U/2U Rackmount Servers: Overcomes high system impedance in densely packed chassis by delivering concentrated static pressure to cool dual-socket CPUs and memory banks.
2. Industrial Power Supplies: Provides rapid heat dissipation for high-wattage PSU components, ensuring stable voltage regulation under heavy continuous loads.
3. Telecom Enclosures: Acts as a reliable replacement fan in ruggedized network switches where 4-wire PWM control is required to balance thermal performance with power efficiency.

Supplemental Images

