

PFM0612XHE-SM02C11 Delta 12VDC 60x60x38mm Axial Fan Datasheet



Brand: Delta

SKU: [1029767973923](#)

Category: Axial & Centrifugal Fans

Price: **\$42.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pfm0612xhe-sm02c11-delta-12vdc-60x60x38mm-axial-fan>

Product Description

Delta PFM0612XHE-SM02C11 is a 12VDC 60x60x38mm Axial Fan optimized for high-density server environments and thermal management in restricted enclosures. This unit features a high-performance DC brushless motor with dual ball bearing architecture, ensuring structural rigidity and reduced thermal impedance under continuous high-load operation. The aerodynamic impeller design is engineered to overcome extreme system impedance, delivering a massive 3.3A current draw for maximum cooling efficiency. Operating at high RPMs, it provides the necessary static pressure to maintain optimal temperatures in enterprise-grade hardware like the Dell PowerEdge R740 and R840 series.

Model Number: PFM0612XHE-SM02C11

Brand: Delta Electronics

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 3.3 A

Power: 39.6 W

Rated Speed: 16500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 65.48 CFM (1.854 m³/min)

Max. Static Pressure: 58.14 mmH₂O (570.1 Pa / 2.289 inH₂O)

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

Life Expectancy: 70,000 Hours at 40°C / 65% RH

Speed Control: PWM Control

Output Signal: Tachometer / F00 Sensor

Noise Level: 67.5 dB(A)

Housing Material: Plastic (UL 94V-0)

Blade Material: Plastic (UL 94V-0)

Termination: 4-Pin Connector with Dell 04VXP3 Base

Operating Temperature: -10 to +60 °C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Certifications: UL, CUL, TUV, CE

PFM0612XHE-SM02C11 Applications

1. 2U Enterprise Server Nodes: Engineered specifically as a replacement fan for Dell PowerEdge R740, R840, and R7425 chassis to mitigate heat soak in high-TDP CPU configurations.
2. High-Impedance Network Switches: Ideal for overcoming the backpressure of densely packed line cards in core networking hardware.
3. Cryptocurrency Mining Rigs: Provides the high-velocity airflow required for cooling multi-GPU arrays or ASIC boards where thermal throttling must be prevented.

Supplemental Images

