

PFB0612GHE-A4V Delta 12VDC 60x60x38mm DC Axial Fan Datasheet



Brand: Delta

SKU: [888073309008](#)

Category: Axial & Centrifugal Fans

Price: **\$13.99**

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Product Page:

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Product Description

The Delta PFB0612GHE-A4V is a high-performance DC Axial Fan engineered for mission-critical thermal management in high-impedance environments. Utilizing an advanced Brushless DC motor architecture coupled with a precision dual ball bearing system, this unit ensures exceptional longevity and rotational stability under continuous load. The aerodynamic profile features a specialized impeller design optimized to deliver substantial static pressure, effectively overcoming thermal impedance in dense server chassis and industrial enclosures. Constructed with UL94V-0 rated thermoplastic, the frame offers superior structural rigidity and vibration damping, making it an ideal solution for demanding cooling requirements where reliability is paramount.

Model Number: PFB0612GHE-A4V

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 1.28 A

Power: 15.36 W

Rated Speed: 10000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 54.05 CFM (91.83 m³/h / 1.53 m³/min)

Max. Static Pressure: 26.25 mmH₂O (257.4 Pa / 1.033 inH₂O)

Dimensions: 60 x 60 x 38 mm

Weight: 130 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 57.5 dBA

Speed Control: PWM (Pulse Width Modulation)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Termination: 4-Wire Leads

Operating Temperature: -10°C to +60°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP20

Safety Certifications: UL, cUL, TUV, CE

Protection: Locked Rotor Protection, Polarity Protection

Designed for high-density electronic environments, the PFB0612GHE-A4V excels in applications requiring aggressive airflow to dissipate heat from tightly packed components. This model is frequently deployed in rack-mount server chassis, telecommunication base stations, and cryptocurrency mining rigs where maintaining optimal operating temperatures is critical for system stability. The high static pressure capabilities of the PFB0612GHE-A4V allow it to force air through restrictive heatsinks and dust filters, ensuring consistent thermal performance in industrial automation equipment and power supply units.

Supplemental Images

