

AFB0624VHB-WPE Delta 24VDC 60x60x15mm Inverter Axial Fan Datasheet



Brand: Delta

SKU: [717658610793](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/afb0624vhb-wpe-delta-24vdc-60x60x15mm-inverter-axial-fan>

Product Description

The Delta AFB0624VHB-WPE is a precision-engineered DC Axial Fan designed for high-reliability industrial thermal management. Utilizing advanced Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity under continuous loads. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, effectively reducing thermal impedance in compact enclosures. Constructed with durable thermoplastic UL94V-0 housing, it offers superior resistance to environmental stress. This 24VDC cooling solution is specifically calibrated for inverter applications, delivering consistent performance essential for maintaining critical component stability.

Model Number: AFB0624VHB-WPE

Brand: Delta Electronics

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.16 A

Power: 3.84 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.45 CFM (39.84 m³/h / 0.66 m³/min)

Max. Static Pressure: 5.64 mmH₂O (55.31 Pa / 0.22 inH₂O)

Dimensions: 60x60x15mm

Weight: 44 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 36.5 dB-A

Housing Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-0)

Termination: 2-Wire Lead

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +75°C

Ingress Protection: IP20

Safety Protection: Impedance Protected, Reverse Polarity

Mounting Orientation: Any

Designed for rigorous industrial environments, the AFB0624VHB-WPE is frequently deployed in variable frequency drives and power inverters where space is constrained but thermal dissipation is critical. Its compact 60mm footprint allows for seamless integration into server racks, telecommunication power supplies, and CNC control modules. The AFB0624VHB-WPE ensures reliable cooling for sensitive electronics, preventing overheating in automation equipment and medical instrumentation, thereby safeguarding system integrity during continuous operation.

Supplemental Images

