

# DATB0625B8H-P030 AVC 48VDC 60x60x25mm PWM Axial Fan Datasheet



**Brand:** AVC

**SKU:** 951097990640

**Category:** Axial & Centrifugal Fans

**Price:** **\$13.99**

---

**E-mail:** [sales@equipspares.com](mailto:sales@equipspares.com)

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

Product Page:

<https://www.equipspares.com/product/datb0625b8h-p030-avc-48vdc-60x60x25mm-pwm-axial-fan>

---

## Product Description

---

The AVC DATB0625B8H-P030 is a precision-engineered DC Axial Fan designed for critical thermal management applications requiring high reliability and efficient airflow control. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures minimized friction and extended operational lifespan under continuous load. The aerodynamic blade design optimizes static pressure while maintaining low acoustic signatures, effectively reducing thermal impedance in high-density electronic enclosures. Its structural rigidity and 4-wire PWM speed control capability allow for dynamic cooling adjustments, ensuring optimal performance stability in demanding industrial environments.

Model Number: DATB0625B8H-P030

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 28.0 - 56.0 VDC

Rated Current: 0.17 A

Power Consumption: 8.16 W

Rated Speed: 6800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 38.5 CFM (65.4 m<sup>3</sup>/h / 1.09 m<sup>3</sup>/min)

Max. Static Pressure: 14.2 mmH<sub>2</sub>O (139.2 Pa / 0.56 inH<sub>2</sub>O)

Dimensions: 60x60x25 mm

Weight: 75 g

Life Expectancy: 70,000 Hours at 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead

Wire Assignment: Red (+), Black (-), Yellow (Sensor), Blue (PWM)

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 44.5 dB(A)

Ingress Protection: IP40

Safety Certifications: UL, TUV, CE, RoHS

Motor Protection: Locked Rotor Protection, Polarity Protection

This high-performance cooling solution is specifically engineered for deployment in enterprise-grade server racks, telecommunications base stations, and precision industrial automation equipment. The DATB0625B8H-P030 excels in environments where consistent airflow and variable speed control are paramount to prevent thermal throttling. Additionally, the DATB0625B8H-P030 is frequently utilized in network switches, rectifiers, and power supply units, providing reliable heat dissipation for critical infrastructure components requiring 48VDC power inputs.

## Supplemental Images

---

