

# AB06012UB-D0B ADDA 12VDC 60x60x15mm PWM Blower Fan Datasheet



**Brand:** ADDA

**SKU:** [858194419075](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$10.99**

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Product Page:

<https://www.equipspares.com/product/ab06012ub-d0b-adda-12vdc-60x60x15mm-pwm-blower-fan>

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## Product Description

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The ADDA AB06012UB-D0B is a precision-engineered DC blower designed for applications requiring concentrated airflow and high static pressure within a compact footprint. Utilizing advanced motor technology, this unit features a robust bearing architecture that ensures long-term reliability and reduced thermal impedance under continuous operation. The aerodynamic housing is constructed to optimize intake efficiency while minimizing turbulence-induced noise, providing structural rigidity essential for industrial environments. Its 4-wire PWM configuration allows for dynamic speed modulation, ensuring optimal thermal management based on real-time system demands, making it a critical component for high-density electronic integration.

Model Number: AB06012UB-D0B

Brand: ADDA

Product Type: DC Blower Fan

Rated Voltage: 12VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.32 A

Power: 3.84 W

Rated Speed: 5200 RPM

Bearing Type: Ball Bearing

Max. Air Flow: 5.2 CFM (8.83 m<sup>3</sup>/h / 0.14 m<sup>3</sup>/min)

Max. Static Pressure: 12.5 mmH<sub>2</sub>O (122.5 Pa / 0.49 inH<sub>2</sub>O)

Dimensions: 60x60x15mm

Weight: 45 g

Life Expectancy: 70,000 Hours @ 40°C

Speed Control: PWM (Pulse Width Modulation)

Termination: 4-Wire Lead

Housing Material: PBT (UL94V-0)

Impeller Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Noise Level: 41.0 dB(A)

Safety Approvals: UL, CUL, TUV, CE

The AB06012UB-D0B is specifically engineered for compact electronic assemblies where space is constrained but high static pressure is required to force air through dense heatsinks or restricted ducts. Common deployments include 1U server rack cooling, projector lamp thermal management, and specialized medical instrumentation. The AB06012UB-D0B is also frequently utilized in industrial automation equipment and telecommunications hardware, where precise thermal regulation is critical for component longevity and system stability.

## Supplemental Images

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