

# DBPG0638B2S-P010 AVC 12VDC 60x60x38mm PWM Axial Fan Datasheet



**Brand:** AVC

**SKU:** [842199105207](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$17.99**

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Product Page:

<https://www.equipspares.com/product/dbpg0638b2s-p010-avc-12vdc-60x60x38mm-pwm-axial-fan>

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## Product Description

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AVC DBPG0638B2S-P010 is a 12VDC 60x60x38mm Axial Fan optimized for high-density thermal management in restricted enclosures. This unit utilizes a high-torque DC motor and dual ball bearing architecture to ensure structural rigidity and long-term reliability. Its aerodynamic impeller is engineered to minimize thermal impedance by delivering exceptional static pressure, essential for cooling high-resistance heat sinks. Operating at 3.0A with a 36W power rating, the fan integrates a 4-wire PWM interface for precise RPM modulation. This makes it a critical component for maintaining optimal operating temperatures in mission-critical hardware where airflow velocity is paramount.

Model Number: DBPG0638B2S-P010

Brand: AVC

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 3.0 A

Power: 36.0 W

Rated Speed: 16500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 67.5 CFM (114.7 m<sup>3</sup>/h / 1.91 m<sup>3</sup>/min)

Max. Static Pressure: 52.4 mmH<sub>2</sub>O (513.8 Pa / 2.06 inH<sub>2</sub>O)

Dimensions: 60 x 60 x 38 mm

Weight: 125 g

Life Expectancy: 70,000 hours at 40 °C

Speed Control: PWM (Pulse Width Modulation)

Monitoring Output: Tachometer (Frequency Generator)

Termination: 4-wire lead wires

Housing Material: Plastic (UL94V-0)

Blade Material: Plastic (UL94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

#### DBPG0638B2S-P010 Applications

1. 1U/2U Rackmount Servers: High static pressure overcomes the dense internal impedance of compact server chassis, serving as a high-efficiency replacement fan for enterprise networking gear.
2. Cryptocurrency Mining Rigs: The 3.0A high-velocity output provides the necessary thermal dissipation for overclocked ASIC or GPU components in multi-unit arrays.
3. Industrial Power Supplies: Ideal for cooling high-wattage VFDs and switch-mode power converters where concentrated heat loads require rapid air exchange.

## Supplemental Images

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