

# AV-A6025MB AMBEYOND 110-220VAC 60x60x25mm EC Axial Fan Datasheet



SKU: [913779798083](#)

Category: Axial & Centrifugal Fans

Price: **\$16.99**

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Product Page:

<https://www.equipspares.com/product/av-a6025mb-ambeyond-110-220vac-60x60x25mm-ec-axial-fan>

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## Product Description

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The AMBEYOND AV-A6025MB is a precision-engineered EC Axial Fan designed for critical thermal management applications requiring high efficiency and reliability. Utilizing advanced Electronically Commutated (EC) motor technology, this unit bridges the gap between AC convenience and DC efficiency, offering superior torque-to-weight ratios. The chassis houses a robust dual ball bearing system, ensuring minimal friction and extended operational longevity even under continuous load. Its aerodynamic impeller design optimizes airflow dynamics to reduce turbulence and lower thermal impedance within high-density enclosures. Constructed with structural rigidity in mind, the AV-A6025MB maintains stability across a wide voltage range of 110-220VAC, making it an ideal solution for industrial environments demanding consistent cooling performance.

Model Number: AV-A6025MB

Brand: AMBEYOND

Product Type: EC Axial Fan

Rated Voltage: 110-220 VAC

Voltage Range: 100 - 240 VAC

Power Consumption: 2.5 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 23.5 CFM (39.9 m<sup>3</sup>/h)

Max. Static Pressure: 0.26 inH<sub>2</sub>O (64.7 Pa)

Dimensions: 60 x 60 x 25 mm

Weight: 65 g

Life Expectancy: 50,000 Hours at 40°C

Motor Technology: Electronically Commutated (EC)

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Termination: Lead Wires

Ingress Protection: IP54

Safety Certifications: CE, RoHS

The AV-A6025MB is engineered for versatile deployment in industrial and commercial cooling systems where space is limited but airflow requirements are stringent. This model is frequently integrated into server cabinets, network enclosures, and telecommunications racks to dissipate heat generated by active components. Additionally, the AV-A6025MB serves as a critical cooling component in compact power supplies, variable frequency drives, and automated control panels. Its wide voltage compatibility allows for seamless global integration in medical instrumentation and CNC machinery, ensuring the AV-A6025MB maintains optimal operating temperatures for sensitive electronics.

## Supplemental Images

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