

EC102/35E3G01-B250/50A1-01 Weiguang 230VAC 250mm EC Fan Datasheet



Brand: Weiguang

SKU: [973772260554](#)

Category: Axial & Centrifugal Fans

Price: **\$231.99**

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Product Page:

<https://www.equipspares.com/product/ec102-35e3g01-b250-50a1-01-weiguang-230vac-250mm-ec-fan>

Product Description

The Weiguang EC102/35E3G01-B250/50A1-01 is a precision-engineered EC Centrifugal Fan designed for high-performance industrial thermal management. Utilizing advanced Electronically Commutated (EC) motor technology, this unit combines the efficiency of DC motors with the convenience of AC mains supply, delivering a powerful output of up to 570W. The fan features a 250mm impeller optimized for aerodynamic stability, ensuring consistent airflow while maintaining a high rotational speed of 3620 RPM. Constructed with structural rigidity in mind, the unit is housed in a robust frame with an IP54 ingress protection rating, offering substantial resistance against dust and water splashes. This model is characterized by its low thermal impedance and high reliability, making it suitable for continuous operation in demanding environments.

Model Number: EC102/35E3G01-B250/50A1-01

Brand: Weiguang

Product Type: EC Centrifugal Fan

Rated Voltage: 230VAC

Frequency: 50/60 Hz

Power Input/Output: 450W / 570W

Rated Speed: 3620 RPM

Ingress Protection: IP54

Fan Diameter: 250 mm

Height: 165 mm

Inner Air Inlet Diameter: 170 mm

Mounting Hole Distance: 115 mm

Weight: 4.5 kg

Motor Type: EC Motor (Electronically Commutated)

Bearing Type: Ball Bearing

The EC102/35E3G01-B250/50A1-01 is engineered for critical cooling applications requiring high static pressure and substantial air volume. It is frequently deployed in large-scale power inverters, industrial cabinet cooling systems, and telecommunications infrastructure where heat dissipation is paramount. Additionally, the EC102/35E3G01-B250/50A1-01 is suitable for use in clean room filtration units and heavy-duty HVAC ventilation, providing reliable performance for sensitive electronic equipment and machinery.

Supplemental Images

