

# S4E300-EE20-06 ebmpapst 230VAC 300mm Axial Fan Datasheet



**Brand:** ebmpapst

**SKU:** [1009023412647](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$428.99**

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Product Page: <https://www.equipspares.com/product/s4e300-ee20-06-ebmpapst-230vac-300mm-axial-fan>

## Product Description

The ebmpapst S4E300-EE20-06 is a precision-engineered Axial Fan designed for robust industrial thermal management applications. Featuring an advanced AC external rotor motor, this unit ensures high-efficiency airflow delivery while maintaining a low thermal impedance profile. The aerodynamic blade geometry is optimized to reduce turbulence and acoustic noise, providing stable static pressure performance. Constructed with high-grade materials for structural rigidity, the fan is built to withstand continuous duty cycles in harsh environments. Its integrated motor protection and balanced rotor assembly guarantee operational reliability, making it an ideal solution for critical cooling systems requiring consistent air movement and long service life.

Model Number: S4E300-EE20-06

Brand: ebmpapst

Product Type: Axial Fan

Motor Technology: AC External Rotor Motor

Rated Voltage: 230 VAC

Frequency: 50 / 60 Hz

Power Input: 52 / 60 W

Rated Current: 0.23 / 0.27 A

Rated Speed: 1100 / 1150 RPM

Blade Diameter: 300 mm

Max. Air Flow: 1130 m<sup>3</sup>/h (665 CFM)

Bearing Type: Ball Bearing

Motor Size: 68

Number of Blades: 5

Blade Material: Sheet steel, coated black

Guard Grille Material: Phosphated steel, coated black plastic

Direction of Rotation: Counter-clockwise (seen on rotor)

Insulation Class: B

Ingress Protection: IP44

Motor Protection: Thermal Overload Protector (TOP) wired internally

Capacitor: 2.0  $\mu$ F / 400 VDB (Required)

Operating Temperature: -25°C to +60°C

Mounting Orientation: Any

Weight: 2.5 kg

Compliance: CE, CCC, EAC

The S4E300-EE20-06 is frequently deployed in commercial refrigeration systems, condensers, and evaporators where consistent heat dissipation is mandatory. This model is also integral to large-scale ventilation units for electrical cabinets and server racks, ensuring components remain within safe operating temperatures. Additionally, the S4E300-EE20-06 is utilized in heat pumps and general air handling units for facility management. Its durable construction allows for use in industrial machinery cooling and agricultural ventilation, providing reliable performance in environments that demand continuous, maintenance-free air circulation.

## Supplemental Images

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