

# 632/2HPU ebmpapst 12V 60x60x25mm DC Axial Fan

**SKU:** 632/2HPU

**Price:** \$67.99

**Categories:** Fans

**Tags:** ebmpapst

**Product Link:**

<https://www.electspares.com/product/632-2hpu-ebmpapst-12v-60x60x25mm-dc-axial-fan/>

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## Product Description

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The ebmpapst 632/2HPU is a high-performance 12VDC IP68-rated DC Axial Fan with dimensions of 60 x 60 x 25 mm, featuring a glass-fiber reinforced PBT housing and a fully encapsulated motor designed for mission-critical cooling in Industrial Frequency Converters and specialized AHU systems. Driven by a brushless external rotor motor with maintenance-free ball bearings and complete environmental protection, this 0.07 kg unit operates at 12 VDC delivering a Max. Power Consumption of 1.6 W and a Max. Current Draw of 0.13 A at a rated speed of 6300 RPM. This High-performance unit achieves a Max. Air Flow of 44.0 m<sup>3</sup>/h (25.9 CFM / 0.73 m<sup>3</sup>/min) and a Max. Static Pressure of 12.75 mmH<sub>2</sub>O (125.0 Pa / 0.50 inAq). Featuring integrated PWM speed control and a tachometer signal output (4-wire), this IP68-protected unit includes electronic protection against reverse polarity and blocking, ensuring a service life of 72,500 hours at 40 °C even in harsh, humid environments.

632/2HPU Fan Parameters

Model Number: 632/2HPU

Manufacturer: ebmpapst

Part Number: 9692300186

New Type: VWC0060AUEBS

Type: DC Axial Fan

Dimensions: 60 x 60 x 25 mm

Weight: 0.07 kg

Origin: Germany

Bearing Type: Ball bearing (Long-time lubrication)

Phase: DC

Nominal Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Connection Type: 4-wire (PWM speed control / Tachometer signal)

Lead Wire Spec: AWG 24 / TR 64 (Stripped and tinned ends)

Max. Current Draw: 0.13 A

Max. Power Consumption: 1.6 W

Rated Speed: 6300 RPM

Max. Air Flow: 25.9 CFM (44.0 m<sup>3</sup>/h / 0.73 m<sup>3</sup>/min)

Max. Static Pressure: 12.75 mmH<sub>2</sub>O (125.0 Pa / 0.50 inAq)

Working Air Flow: 44.0 m<sup>3</sup>/h

Static Pressure Increase: 125.0 Pa

Sound Pressure Level: 35 dB(A)

Sound Power Level: 5.4 Bel(A)

Motor Protection: Electronic blocking / Reverse polarity protection

Service Life (L10): 72,500 h (40 °C) / 35,000 h (70 °C)

Insulation Class: Class E

Degree of Protection: IP68 (Fully encapsulated motor)

Housing Material: Glass-fiber reinforced PBT plastic

Impeller Material: Glass-fiber reinforced PBT plastic

Ambient Temperature (Max.): 70 °C

Min. Operating Temperature: -20 °C

Standard Compliance: CE; EAC; UL; VDE; CSA

#### Application

The ebmpapst 632/2HPU axial fan is the primary cooling component for industrial frequency converters, outdoor telecommunication cabinets, and charging piles requiring IP68-rated waterproof protection and precise PWM thermal management.

## Product Images

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Scan for product details:

