



S6E630-AN01-01 ebmpapst

Brand: ebmpapst

SKU: S6E630-AN01-01

Category: AC Fans

URL: <https://www.fansco.com/item/s6e630-an01-01-ebmpapst/>

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Product Description

S6E630-AN01-01 ebmpapst 230VAC 860RPM 600W 2.62A 630mm IP54 Ball Bearing AC axial fan

The S6E630-AN01-01 axial fan is an ebm-papst HyBlade series product featuring sickle-shaped blades (S series) with a guard grille for short nozzles. Designed for 230VAC/50Hz single-phase power, it consumes 600W power at 2.62A current (4.8A starting current), equipped with a 14μF/400VDB capacitor compliant with S0 (CE) standards. It operates in -40°C~55°C environments (storage: -40°C~80°C). The 630mm-diameter impeller uses press-fitted sheet steel blanks sprayed with PP plastic, paired with a black plastic-coated steel guard grille (RAL 9005), weighing 13.9kg. With IP54 protection and Class F insulation, it supports horizontal shaft or rotor-down installation (rotor-up by request), featuring condensation drainage holes on the rotor side, ball bearings, and continuous operation (S1 mode). It integrates thermal overload protection and connects via a terminal box (capacitor pre-installed). Aerodynamically, the optimum efficiency point delivers 7130m³/h airflow at 92Pa static pressure with 32.7% efficiency (compliant with EU 327/2011). Typical operating data at 230V includes max 11025m³/h airflow (0Pa) and 6550m³/h at 100Pa static pressure, with inlet sound pressure levels of 61-64dB(A). Certified by UKCA, CE, EAC, CCC, etc., it suits industrial ventilation and large equipment cooling.

Technical Specifications

Attribute	Value
Part Number	S6E630-AN01-01
Manufacturer	ebm-papst
Voltage Rating	230 VAC
Frequency	50 Hz
Fan Speed	860 RPM
Power Rating	600 W
Current Rating	2.62 A
Weight	13.9 kg
Dimensions	630 mm
IP Rating	IP54

Operating Temperature	-40 ~ 176°F (-40 ~ 80°C)
Bearing Type	Ball Bearing
Fan Type	AC
Subcategory	AC axial fan
Approval Agency	CCC CE EAC VDE