

# SJ1806LA1 SANJUN 115VAC 180mm AC Axial Fan

**SKU:** SJ1806LA1

**Price:** \$56.49

**Categories:** Fans

**Tags:** Sanju

**Product Link:**

<https://www.electspares.com/product/sj1806la1-sanjun-115vac-180mm-ac-axial-fan/>

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## Product Description

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The SANJUN SJ1806LA1 is an industrial-grade 115VAC AC Axial Fan with dimensions of 180 x 180 x 60 mm, specifically engineered for mission-critical cooling in Industrial Frequency Converters and high-temperature electronic environments. Driven by a high-torque induction motor with precision dual ball bearings, this 1600.0 g unit operates within a 110 - 120 VAC range, delivering a Max. Power Consumption of 18.0 W and a Max. Current Draw of 0.20 A at a rated speed of 1400 RPM. This High-performance unit features a 7-blade all-metal impeller designed for maximum mechanical resilience, achieving a Max. Air Flow of 292.2 m<sup>3</sup>/h (172.0 CFM) and a Max. Static Pressure of 6.35 mmH<sub>2</sub>O (62.27 Pa / 0.25 inAq). Constructed with a rugged die-cast aluminum frame and an integrated grounding terminal, this IP54-rated fan is optimized for environments requiring consistent airflow and extreme thermal durability in industrial VFD and power electronics systems at the end.

SJ1806LA1 Fan Parameters

Model Number: SJ1806LA1

Manufacturer: SANJUN

Type: AC Axial Fan

Dimensions: 180 x 180 x 60 mm

Weight: 1600.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 115 VAC

Voltage Range: 110 - 120 VAC

Frequency: 50/60 Hz

Max. Current Draw: 0.20 A

Max. Power Consumption: 18.0 W

Rated Speed: 1400 RPM  
Max. Air Flow: 172.0 CFM (292.2 m<sup>3</sup>/h / 4.87 m<sup>3</sup>/min)  
Max. Static Pressure: 6.35 mmH<sub>2</sub>O (62.27 Pa / 0.25 inAq)  
Working Air Flow: 292.2 m<sup>3</sup>/h  
Static Pressure Increase: 62.27 Pa  
Motor Protection: Impedance protected  
Insulation Class: Class B  
Insulation Resistance: 100 MΩ at 500 VDC  
Dielectric Strength: 1500 VAC for 1 minute  
Touch Current: ≤ 0.75 mA  
Degree of Protection: IP54  
Electrical Hookup: 2-Wires (Lead wires) with separate grounding terminal  
Number of Blades: 7  
Direction of Rotation: Counter-clockwise (viewed toward impeller)  
Impeller Material: Magnesium alloy / Steel (All-metal)  
Frame Material: Die-cast aluminum (Painted black)  
Sound Pressure Level: 44.0 dB(A)  
Service Life: 50,000 h (at 40 °C)  
Operating Temperature: -30 - +80 °C  
Storage Temperature: -40 - +90 °C  
Standard Compliance: CE; TUV; UL; RoHS; ErP compliant

#### Application

The SANJUN SJ1806LA1 axial fan is the primary cooling component for industrial frequency converters, large-scale control cabinets, and power supply systems requiring quiet, reliable thermal management and all-metal construction for high-temperature durability in 115 VAC environments.

## Product Images

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Scan for product details:

