

# EF40201BX-Q18C-F99 Sunon 12VDC 40x40x20mm 3-Wire Axial Fan Datasheet



**Brand:** SUNON

**SKU:** [988602522051](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$12.99**

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Product Page:

<https://www.equipspares.com/product/ef40201bx-q18c-f99-sunon-12vdc-40x40x20mm-3-wire-axial-fan>

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## Product Description

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The Sunon EF40201BX-Q18C-F99 is a precision-engineered DC Axial Fan designed for high-density thermal management applications. Utilizing advanced motor technology and a robust bearing architecture, this unit minimizes thermal impedance while maintaining exceptional structural rigidity under continuous operation. The aerodynamic blade design optimizes airflow efficiency, delivering a high static pressure to airflow ratio essential for restricted environments. Engineered for reliability, the EF40201BX-Q18C-F99 ensures consistent cooling performance, making it an ideal solution for critical electronic components requiring stable thermal dissipation.

Model Number: EF40201BX-Q18C-F99

Brand: Sunon

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 6.0 - 13.8 VDC

Rated Current: 0.12 A

Power Consumption: 1.44 W

Rated Speed: 7800 RPM

Bearing Type: 2-Ball Bearing

Max. Air Flow: 10.8 CFM (18.35 m<sup>3</sup>/h / 0.30 m<sup>3</sup>/min)

Max. Static Pressure: 0.26 inH<sub>2</sub>O (6.60 mmH<sub>2</sub>O / 64.72 Pa)

Dimensions: 40x40x20mm

Weight: 31.0 g

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 28.5 dB(A)

Speed Control: Tachometer Output (F Type)

Termination: 3-Wire Lead

Wire Gauge: 26 AWG

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP5X (Dust Protected)

Safety Certifications: UL, CUR, TUV

Motor Protection: Auto Restart / Polarity Protection

This high-performance cooling solution is specifically calibrated for deployment in network infrastructure hardware, including enterprise switches and server racks. The EF40201BX-Q18C-F99 excels in compact enclosures where efficient heat evacuation is paramount to prevent thermal throttling. Additionally, the EF40201BX-Q18C-F99 is suitable for industrial automation equipment, telecommunications power supplies, and precision medical instrumentation requiring reliable forced-air cooling.

## Supplemental Images

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