

EFC-06E12D DWPH 12VDC 0.60A 60x60x25mm Axial Fan Datasheet



Brand: DWPH

SKU: [800632845951](#)

Category: Axial & Centrifugal Fans

Price: **\$12.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/efc-06e12d-dwph-12vdc-0-60a-60x60x25mm-axial-fan>

Product Description

DWPH EFC-06E12D is a 12VDC 60x60x25mm Axial Fan optimized for high-density thermal management in compact enclosures where overcoming significant system impedance is critical. This unit features a sophisticated dual ball bearing architecture and a high-efficiency 7-blade impeller design to ensure structural rigidity and long-term reliability. Operating at a rated current of 0.60A and a high-velocity 5800 RPM, it delivers substantial static pressure to penetrate tightly packed components. The integration of 4-wire PWM speed control and an RD signal allows for precise thermal regulation and real-time rotation monitoring, minimizing acoustic footprint while maximizing cooling efficiency in demanding industrial environments.

Model Number: EFC-06E12D

Brand: DWPH (Dongweifeng)

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.60 A

Power: 7.2 W

Rated Speed: 5800 RPM

Bearing Type: Dual Ball Bearing

Dimensions: 60 x 60 x 25 mm

Blade Count: 7 Blades

Speed Control: PWM (Pulse Width Modulation)

Signal Output: RD (Rotation Detector) Signal

Termination: 4-Wire Lead Wires

Frame Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Protection Features: Locked Rotor Protection, Reverse Polarity Protection

Life Expectancy: 70,000 Hours at 40°C

EFC-06E12D Applications

1. 1U/2U Server Chassis: The 5800 RPM output and high static pressure are engineered to overcome the airflow resistance of dense internal hardware and drive arrays.
2. Industrial VFD Cooling: Ideal as a replacement fan for variable frequency drives where high-velocity air movement is required to maintain power semiconductor temperatures.
3. Network Switch and Router Maintenance: Provides the necessary thermal exchange for high-throughput telecommunications equipment requiring 4-wire PWM precision control.

Supplemental Images

