

EFC-08E24H-ER01 DWPH 24VDC 80x80x25mm Cooling Axial Fan Datasheet



Brand: DWPH

SKU: [768602461325](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/efc-08e24h-er01-dwph-24vdc-80x80x25mm-cooling-axial-fan>

Product Description

The DWPH EFC-08E24H-ER01 is a precision-engineered Axial Fan designed for critical thermal management in industrial electronics. Utilizing a robust DC motor architecture, this 24VDC unit delivers consistent airflow while maintaining optimal thermal impedance within high-density enclosures. The frame and impeller are constructed from durable thermoplastic, ensuring structural rigidity and resistance to environmental stress. Engineered for continuous operation, the EFC-08E24H-ER01 balances static pressure and volumetric flow, making it an ideal solution for maintaining component stability in power supplies and inverter systems. Its aerodynamic blade design minimizes turbulence, enhancing cooling efficiency without compromising mechanical reliability.

Model Number: EFC-08E24H-ER01

Brand: DWPH (Dong Weifeng)

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Operating Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.15 A

Input Power: 3.60 W

Rated Speed: 3200 RPM

Max. Air Flow: 38.5 CFM (65.4 m³/h / 1.09 m³/min)

Max. Static Pressure: 3.81 mmH₂O (37.36 Pa / 0.15 inH₂O)

Dimensions: 80 x 80 x 25 mm

Bearing Type: High Precision Sleeve / Ball System

Noise Level: 34.0 dBA

Housing Material: PBT Thermoplastic (UL94V-0)

Impeller Material: PBT Thermoplastic (UL94V-0)

Termination: 2-Wire Lead

Ingress Protection: IP20

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Mounting Orientation: Any

Weight: 86 g

Life Expectancy: 40,000 Hours at 40°C

The EFC-08E24H-ER01 is specifically calibrated for demanding industrial environments such as UPS inverters, variable frequency drives, and server rack cooling modules. Its compact 80mm footprint allows for seamless integration into power supply units and telecommunication cabinets where space is at a premium. By effectively dissipating heat generated by power conversion components, the EFC-08E24H-ER01 ensures the longevity and reliability of sensitive electronic equipment in automation and IT infrastructure.

Supplemental Images

