

9EC2048P0A10 Sanyo Denki 48VDC 200x200x70mm Metal Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [815743497362](#)

Category: Axial & Centrifugal Fans

Price: **\$76.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/9ec2048p0a10-sanyo-denki-48vdc-200x200x70mm-metal-axial-fan>

Product Description

The Sanyo Denki 9EC2048P0A10 is a robust Axial Fan engineered for high-demand industrial thermal management. Utilizing advanced EC (Electronically Commutated) motor technology, this unit delivers exceptional energy efficiency while maintaining high torque output. The chassis features a full aluminum die-cast frame and impeller, providing superior structural rigidity and effective heat dissipation, thereby lowering the overall thermal impedance of the system. Designed with precision dual ball bearings, the 9EC2048P0A10 ensures operational longevity and stability even under harsh environmental conditions. Its aerodynamic profile is optimized to maximize airflow throughput against high static pressure resistance, making it an ideal solution for systems requiring consistent cooling performance.

Model Number: 9EC2048P0A10

Brand: Sanyo Denki

Product Type: Axial Fan

Series: San Ace 200

Rated Voltage: 48VDC

Voltage Range: 40.8 - 55.2 VDC

Rated Current: 2.2 A

Power: 105.6 W

Rated Speed: 4400 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 565.0 CFM (960.0 m³/h / 16.0 m³/min)

Max. Static Pressure: 45.89 mmH₂O (450 Pa / 1.81 inH₂O)

Dimensions: 200x200x70mm

Weight: 1700 g

Life Expectancy: 40,000 Hours (at 60°C) / 70,000 Hours (at 40°C)

Speed Control: PWM (Pulse Width Modulation)

Sensor: Pulse Sensor (Tachometer)

Housing Material: Aluminum (Die-cast)

Impeller Material: Aluminum (Die-cast)

Operating Temperature: -20°C to +70°C

Storage Temperature: -30°C to +70°C

Noise Level: 68 dB(A)

Dielectric Strength: 50/60 Hz, 1500 VAC, 1 minute

Protection: Locked Rotor Protection, Reverse Polarity Protection

The 9EC2048P0A10 is specifically designed for mission-critical applications requiring substantial air volume and reliability, such as telecommunications base stations, large-scale server racks, and industrial inverters. In renewable energy sectors, the 9EC2048P0A10 serves as a primary cooling component for solar power conditioners and wind turbine control cabinets. Its rugged metal construction also makes it suitable for CNC machinery and heavy-duty power supplies where vibration resistance and thermal stability are paramount.

Supplemental Images

