

12038VA-48P-GU NMB 48V 0.48A 4-wire PWM IP68 fan

SKU: 12038VA-48P-GU

Price: \$20.78

Categories: Fans

Tags: NMB

Product Link:

<https://www.electspares.com/product/12038va-48p-gu-nmb-48v-0-48a-4-wire-pwm-ip68-fan/>

Product Description

The NMB 12038VA-48P-GU is a high-performance 120x120x38mm DC axial fan built for extreme durability in challenging environments. Operating on 48VDC, it consumes 23.04W of power with a 0.48A current draw. This fan features robust ball bearings for an exceptionally long operational life. It delivers a powerful airflow of 207.23 CFM at 5000 RPM, with a noise level of 62 dB. Its standout feature is its IP68 rating, making it completely dust-tight and capable of continuous immersion in water, ensuring reliable operation in harsh conditions. The 4-wire configuration provides both PWM control for precise speed adjustment and a pulse sensor for real-time speed monitoring, along with auto restart, polarity, and locked rotor protection. This fan is an excellent choice for cooling industrial inverters, outdoor telecommunications cabinets, and other critical electronics where environmental resistance and high performance are paramount.

Model Number: 12038VA-48P-GU

Manufacturer: NMB Technologies Corporation

Series: 12038VA

Fan Type: DC Brushless Axial Fan

Dimensions L x H x W: 120 mm x 120 mm x 38 mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 VDC to 52.8 VDC

Rated Current: 0.48 A

Input Power: 23.04 W

Wiring: 4 Wire Leads

Bearing Type: Ball Bearing

Rotational Speed RPM: 5000 RPM

Maximum Airflow: 207.23 CFM

Maximum Static Pressure: 0.88 In H₂O

Noise Level: 62 dB

Frame Material: Plastic

Impeller Blade Material: Plastic

Ingress Protection: IP68 - Dust Tight, Waterproof Continuous immersion

Control Functions: PWM Control, Pulse Sensor Tachometer output

Motor Protection: Auto Restart, Polarity Protection, Locked Rotor Burnout Protection

Operating Temperature Range: -10°C to +70°C

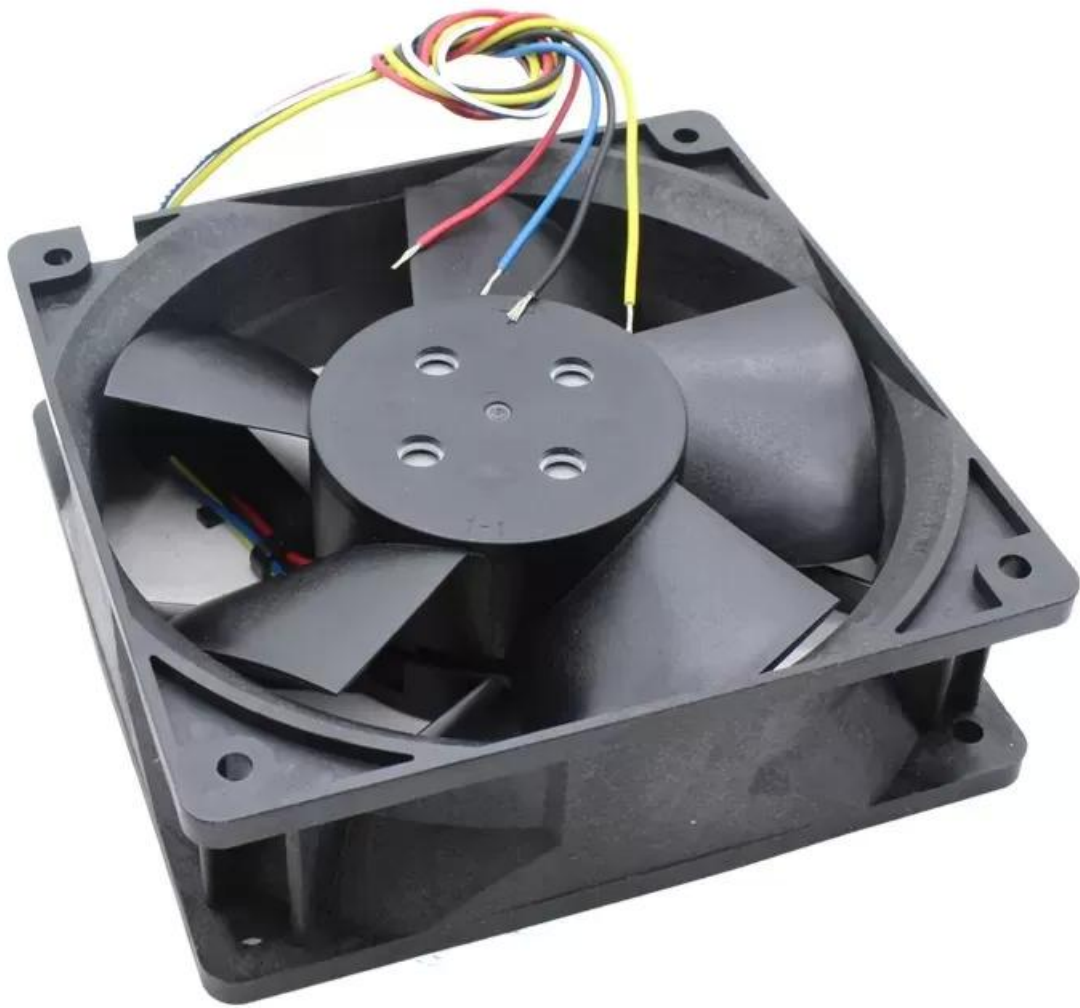
Expected Life L10: 50,000 to 100,000 Hours at 25°C

Mass: Approximately 260 g

Product Images









Scan for product details:

