V80E14MS2A3-57A611 Nidec 13.6VDC 80x80x38mm Waterproof Axial Fan Datasheet

Brand: Nidec

SKU: 676798334741

Category: Axial & Centrifugal Fans

Price: **$32.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/v80e14ms2a3-57a611-nidec-13-6vdc-80x80x38mm-waterproof-axial-fan

Product Description

The Nidec V80E14MS2A3-57A611 is a precision-engineered Axial Fan designed for demanding industrial environments requiring robust thermal management. Featuring advanced DC motor technology and a durable bearing architecture, this unit ensures minimal thermal impedance and extended operational service life. The aerodynamic blade design optimizes airflow efficiency while maintaining structural rigidity under high-pressure conditions. Engineered for reliability, this 13.6VDC cooling solution incorporates specialized ingress protection, making it suitable for photovoltaic and inverter applications where environmental resilience is critical.

Model Number: V80E14MS2A3-57A611
Brand: Nidec
Product Type: Axial Fan
Rated Voltage: 13.6 VDC
Rated Current: 0.16 A
Power Consumption: 2.18 W
Dimensions: 80 x 80 x 38 mm
Bearing Type: Dual Ball Bearing
Termination: 4-Wire (Lead Wires)

Speed Control: PWM / Tachometer Support
Application: Inverter / Photovoltaic Cooling
Ingress Protection: Waterproof (Moisture Resistant)
Frame Material: Reinforced Plastic (UL94V-0)
Blade Material: Reinforced Plastic (UL94V-0)
Motor Type: Brushless DC
Operating Temperature: -10°C to +70°C
Mounting Orientation: Any

This cooling unit is specifically engineered for power conversion systems, including solar photovoltaic inverters and industrial power supplies. The V80E14MS2A3-57A611 excels in outdoor or harsh environments where moisture resistance is required to maintain system integrity. Additionally, the V80E14MS2A3-57A611 is utilized in telecommunications equipment and battery management systems, providing consistent airflow to dissipate heat generated during rectification and inversion processes, ensuring optimal efficiency for critical infrastructure.

Supplemental Images