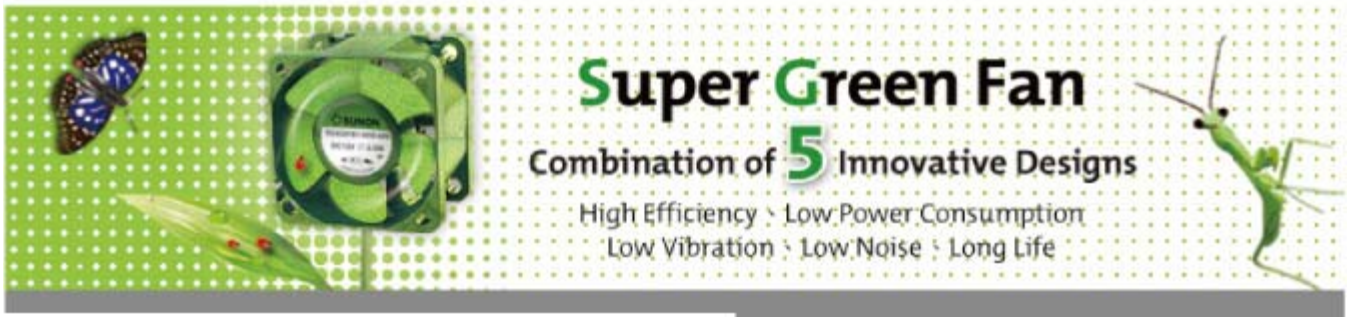
new! Super Green Fan

Model	Fan Size	Rating Voltage (VDC)	Rated Current (mA)	Power Consumption (WATTS)	Speed (RPM)	Air Flow (CFM)	Static Pressure (Inch-H2O)	Noise (dBA)	Life Expectancy (MTTF)
SG40281B1-0000-A99	40x40x28mm	12	520	6.24	19000	25.6	1.45	58.5	80,000hrs @40 deg.C
new SG38281B1-0000-A99	38x38x28mm	12	520	6.24	19000	24.8	1.47	56.2	70,000hrs @40 deg.C

©The specification for SG series is for reference only and will be subject to change without notice in advance.
For more product information, please contact your SUNON sales representative.



「Apply Sunon's Green Concept to Devise Energy-saving Technology ; Use Super Green Fans to Create a Greenner IT」

Sunon has been committed to promoting various types of reconstruction engineering, such as green product design, green procurement, and green manufacturing, to provide green products which have a minimal affect on the global environment. In order to respond to the rapid growth of the global network communication market and the high demand for energy-saving, eco-friendly cooling solutions, Sunon has applied innovative green technology to invest in green design products that reduce both material consumption and energy use. This effort has led to the development of the most energy-saving fan, The Super Green Fan.
The Sunon Super Green Fan, an energy-saving fan that integrates five innovative designs, adopts the energy-saving characteristics of a 3-phase inner rotor motor and combines it with the most efficient blade design and a superior sealed motor structure. The end product achieves the following 5 green goals: high efficiency, low power consumption, low vibration, low noise, and long life. The Sunon patented Super Green Fan can be broadly applied to servers, server power suppliers, workstations, and memory cases that are used in network communication. The fan can also be extended to industrial facilities, home appliances, OA products, and other industries that have cooling needs. Sunon can also offer RPM, PWM, and thermistor controlled designs, according to customers' demands, and provide the best choice for energy-saving cooling solutions.

- **Super Green Energy-saving Design :** Higher Motor Efficiency
- **Patent Inner Rotor Motor Design :** Ultra-low Vibration Level
- **Optimal Impeller Design :** Bigger Impeller & Increase Airflow
- **Sealed-up Motor Structure Design :** Water/Dust Proof & EMI/EMC Shielding
- **Splendid Cool Bearing Design :** Extends Fan Life

SG Design 1: Use of 3-phase Energy-saving Motor → Increases Motor Efficiency

The Super Green Fan is powered by a Sunon patented motor which has the characteristics of a 3-phase motor: low energy consumption, high torque, and low vibration. The motor can efficiently decrease energy consumption of the cooling system. When the motor has low energy