

# Cooling Fan & Blower for Solar Inverter

\*All products are RoHS compliant.



# SUNON

## Introduction

Established : 1980

Turnover : USD\$ 278 Million (2013)

World Wide Production Capability : 5 factories in Taiwan and China  
Fans & Blowers—23M/Month  
Thermal modules - 10M /Month

## Major Products



Mighty Mini Fan & Blower



DC/AC Brushless Fan



DC/AC Brushless Blower



Fan Tray



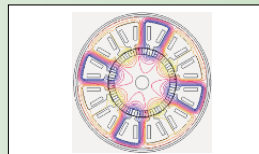
Customized Cooling Module



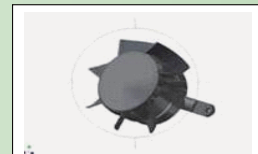
LED Thermal Solution

## Global Service and Engineering Support

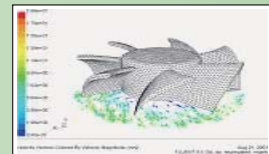
As a leader in the field of cooling solution technologies, Sunon's Research Center has accumulated 30 years of experience in product development. Backed by advanced simulation system and analysis engineering, Sunon offers its customers a wide variety of services for cooling solutions.



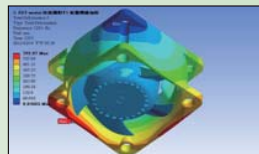
Magnetization Simulation analysis



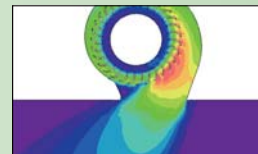
3D model



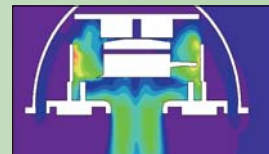
Blade design



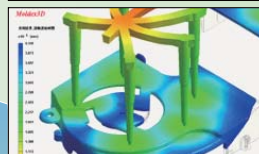
Structural Simulation analysis



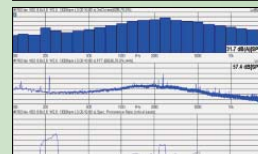
Thermal analysis (Component)



Thermal analysis (system)



Fluid dynamic analysis



Sound quality analysis



IR Thermograph



- Over 1,000 sales representatives, 12 subsidiaries and offices, over 130 distributors around the world.
- 7 research centers which provide a worldwide technological service network for quick and efficient services.
- 5 reliability testing labs.



# Cooling Fan & Blower for Solar Inverter



| size (mm) | Max. Airflow (CFM) |    |    |    |    |    | Acoustic range (dBA) |           | IP Level Options |
|-----------|--------------------|----|----|----|----|----|----------------------|-----------|------------------|
|           | 5                  | 10 | 15 | 20 | 30 | 40 | Min. @ 1M            | Max. @ 1M |                  |
| 40x40x10  |                    | █  |    |    |    |    | 27.0                 | 36.1      | 21               |
| 40x40x15  |                    | █  | █  |    |    |    | 30.2                 | 44.2      | 21,55            |
| 40x40x20  | █                  | █  |    |    |    |    | 18.0                 | 27.5      | 21               |
| 40x40x28  |                    |    | █  | █  | █  |    | 41.9                 | 66.6      | 21,55            |
| 50x50x10  |                    | █  | █  |    |    |    | 26.8                 | 31.0      | 21               |
| 50x50x15  |                    |    | █  | █  |    |    | 22.0                 | 33.0      | 21               |
| 50x50x20  |                    |    | █  | █  | █  |    | 29.4                 | 38.8      | 21,55            |
| 60x60x10  |                    |    | █  | █  |    |    | 21.5                 | 28.5      | 21               |
| 60x60x15  |                    |    |    | █  | █  |    | 25.0                 | 36.0      | 21               |
| 60x60x20  |                    |    |    | █  | █  | █  | 23.0                 | 41.0      | 21,55            |
| 60x60x25  |                    |    |    | █  | █  | █  | 20.0                 | 46.0      | 21,55            |

| size (mm)         | Max. Airflow (CFM) |    |    |    |    |    | Acoustic range (dBA) |           | IP Level Options |
|-------------------|--------------------|----|----|----|----|----|----------------------|-----------|------------------|
|                   | 15                 | 30 | 45 | 60 | 70 | 80 | Min. @ 1M            | Max. @ 1M |                  |
| 70x70x10          | █                  |    |    |    |    |    | 20.5                 | 28.0      | 21               |
| 70x70x20          |                    | █  | █  |    |    |    | 26.0                 | 42.5      | 21               |
| 70x70x25          |                    |    | █  | █  |    |    | 38.0                 | 44.0      | 21,55            |
| 80x80x15          |                    | █  | █  |    |    |    | 30.8                 | 38.7      | 21               |
| 80x80x20          |                    |    | █  | █  |    |    | 30.0                 | 49.0      | 21               |
| 80x80x25          |                    | █  | █  | █  | █  |    | 22.1                 | 51.3      | 21,55            |
| 80x80x32          |                    |    |    | █  | █  |    | 41.1                 | 45.2      | 21,55            |
| 92x92x25          |                    |    | █  | █  | █  | █  | 17.7                 | 46.0      | 21,55            |
| 92x92x32          |                    |    |    |    |    | █  | 42.1                 | 42.1      | 21               |
| 97x94x33 (Blower) |                    | █  | █  | █  |    |    | 50.0                 | 65.2      | 21               |

| size (mm)           | Max. Airflow (CFM) |     |     |     |     |     | Acoustic range (dBA) |           | IP Level Options |
|---------------------|--------------------|-----|-----|-----|-----|-----|----------------------|-----------|------------------|
|                     | 40                 | 100 | 150 | 200 | 300 | 420 | Min. @ 1M            | Max. @ 1M |                  |
| 120x120x32 (Blower) | █                  |     |     |     |     |     | 49.6                 | 55.8      | 21,55            |
| 120x120x25          |                    | █   | █   |     |     |     | 29.6                 | 54.0      | 21,55            |
| 120x120x32          |                    |     |     | █   |     |     | 60.6                 | 64.9      | 21,55            |
| 120x120x38          |                    |     | █   | █   |     |     | 37.0                 | 54.0      | 21,55            |
| 140x140x38          |                    |     | █   | █   | █   |     | 43.0                 | 70.3      | 21,55            |
| 172x150x51          |                    |     |     |     |     | █   | 69.0                 | 70.9      | 21,55            |

\* If you need special specification. Please contact Sunon sales.

\* Specifications are subject to change without notice. Specifications in this catalog are for reference. More Sunon products information please visit SUNON website at [www.sunon.com](http://www.sunon.com).

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