



SUNON's concentration for more than 30 years on the research and development of core motor technology enables it to release DC Motor Technology that set the pace for the industrial trend. Today SUNON has become the best thermal solution provider for clients across various industries, such as IT, automobile electronics, optical electronics, and network communication, LED, among other industries. In 2011, SUNON's Mighty Mini Fan accomplished NASA experiment in outer space.



Safety Design

- Available in either 110V or 230V
- Use anti-flame resin UL94V-0
- Lock Protection Function
- Anti-reversed flow plate, Prevent poor air backflow
- IP25

Eco DC Brushless Ventilation Solutions

As global warming has become a serious issue, the world is starting to pay attention to energy saving and sustainable development issues in the environment. In order to develop products with High energy-saving & Eco-design, SUNON has introduced a series of DC brushless fan to provide a safe, healthy, comfortable, energy-saving living environment!

SUNON's DC Motor Technology, features energy saving up to 82% compared to AC motor and over 60% compared to permanent-split capacitor motor. With an ultra-low power consumption of merely 4.5W, it delivers an ultra-high air flow of 120m³/h and a high energy efficiency of 19.53m³/hr/W. If it runs 24 hours a day, 9 days only cost 1kWh.

Low Power Consumption

4.5
W

Ultra-high Air Flow

120
m³/h

Energy Saving up to

82
%

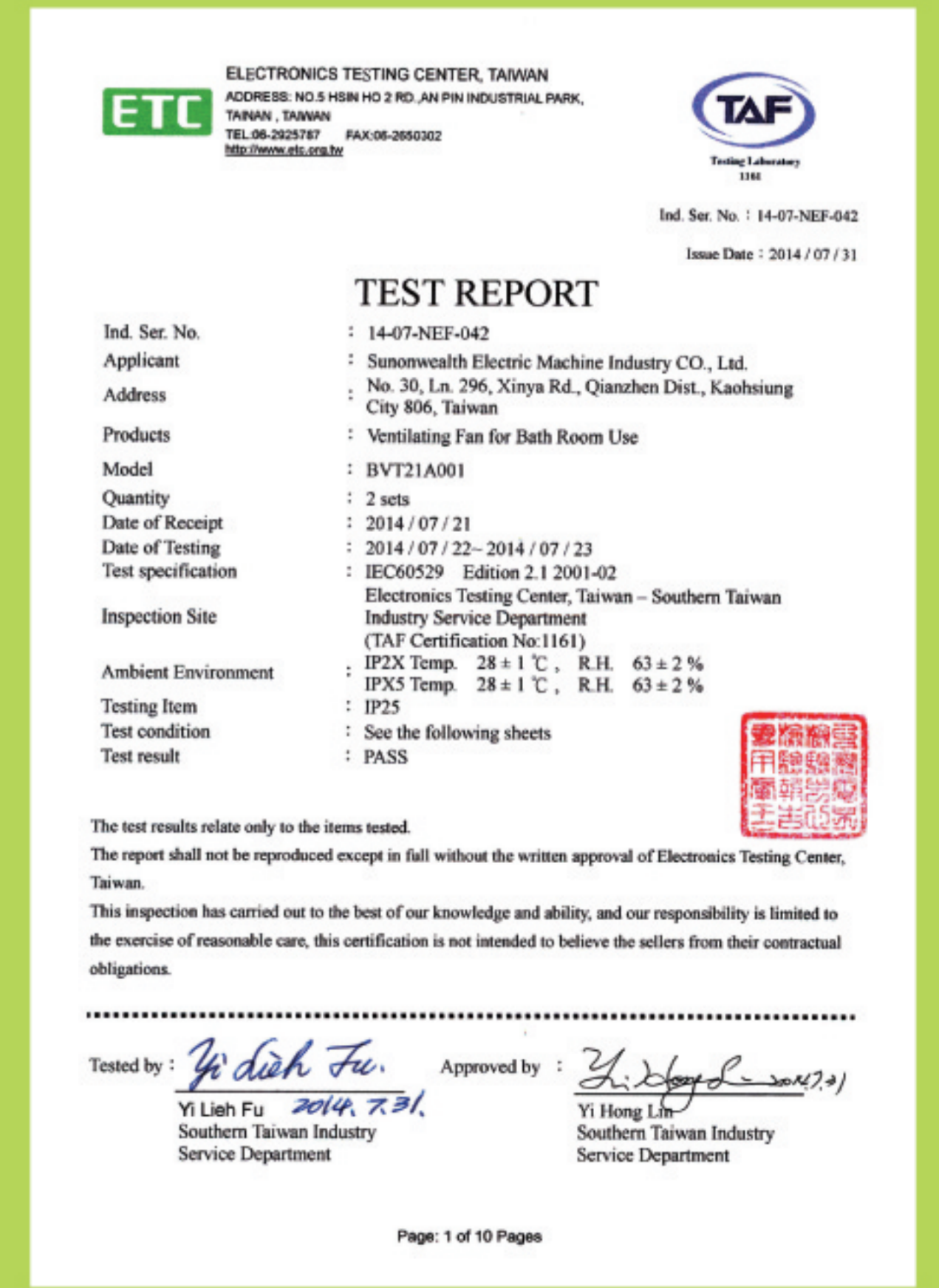
Waterproof

IP25



▲ IP 25 Waterproof Test
▼ IP 25 Test Report

Ventilation Fan	Tradition	SUNON
Motor type	AC motor	DC motor
Noise (dBA)	33 dBA	30 dBA
Power Consumption (Watts)	25	4.5 Less 5.5 times
Max. Air Flow (m ³ /h)	85	120 1.5 times
Energy Efficiency (m ³ /h @ 0.1 inch-H ₂ O/ Watts)	2.68	19.53 7 times
Warranty	1 year	3 years



Eco DC Brushless Ventilation Fan

Ventilation Fan



Model	BVE120A001	BVE120A002	BVE120A003	BVE120A004
Function	NON	OFF DELAY	NON	FILTER
Mounting Dimensions (mm)	210x210mm	210x210mm	210x210mm	210x210mm
Duct Dimensions (mm)	Ø100mm	Ø100mm	Ø100mm	Ø100mm
Power Rating (VAC)	110V-230V (50-60Hz)	110V-230V (50-60Hz)	110V-230V (50-60Hz)	110V-230V (50-60Hz)
Power Consumption (Watts)	4.5	4.5	4.5	4.5
Max. Air Flow (m ³ /h)	120	120	120	120
Max. Static Pressure (Pa)	70	70	70	70
Noise dB(A)@ 1m	34	34	30	30
Energy Efficiency (m ³ /h @ 0.1 inch-H ₂ O/ Watts)	19.53	19.53	19.21	19.21
Weight (Kg)	1.5	1.5	1.5	1.5

*Specifications in this catalog are preliminary specification for reference. Specifications are subject to change without notice.

Ventilation Fan with 12W LED Light



Model	BVE120A005	BVE120A006	BVE120A007	BVE120A008
Function	NON	NON	NON	OFF DELAY
Mounting Dimensions (mm)	210x210mm	210x210mm	210x210mm	210x210mm
Duct Dimensions (mm)	Ø100mm	Ø100mm	Ø100mm	Ø100mm
Power Rating (VAC)	110V-230V (50-60Hz)	110V-230V (50-60Hz)	110V-230V (50-60Hz)	110V-230V (50-60Hz)
Power Consumption (Watts)	4.5	4.5	4.5	4.5
Max. Air Flow (m ³ /h)	120	70	120	120
Max. Static Pressure (Pa)	70	70	70	70
Noise dB(A)@ 1m	30	35	30	30
Energy Efficiency (m ³ /h @ 0.1 inch-H ₂ O/ Watts)	19.09	14.95	19.08	19.08
Weight (Kg)	1.5	1.5	1.5	1.5

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