

Solar Powered Wall Fan for Ventilation

SERVES WELL EVERYWHERE AND SUITS ALL KINDS OF BUILDING INSTALLATION

Strengthen air circulation

Remove heat, moisture & dust

Deduct harmful mildews

Solar powered, environmental friendly

Once Pay, Benefit Long

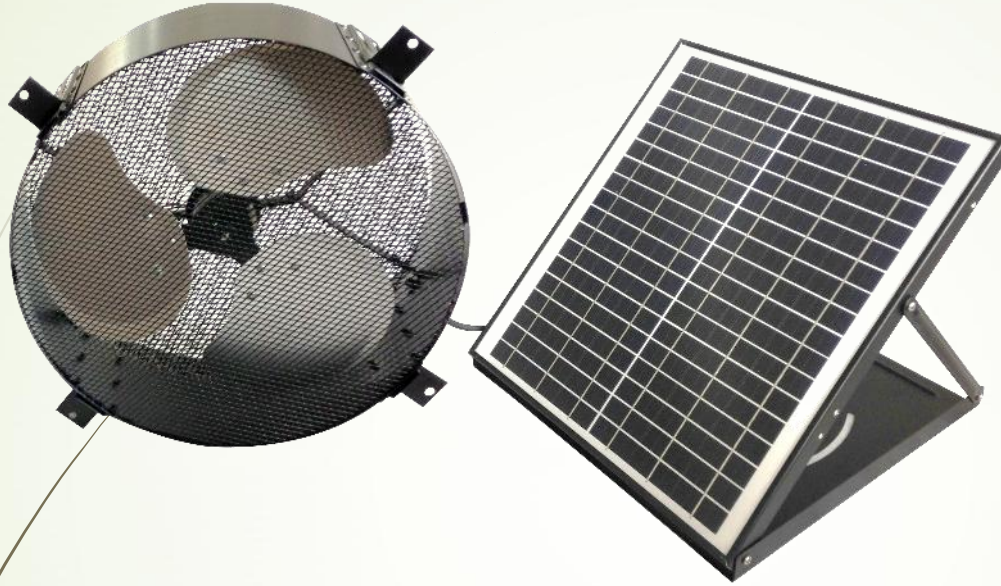


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Enjoy the gracious solar energy to let your space breath freely at any time!



Multi-purpose Applications:



- * Gable Heat Extract
- * Basement Air Circulation
- * Garage Air Exchange
- * Green House Heat Exhaust
- * Warehouse Air Exchange
- * Kitchen Air Exhaust
- * Bathroom Air Ventilation

FOR A GREENER SPACE



Product Structure:

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Fan's mounting brackets are flexible slidable



6m cable connecting fan & solar panel



Solar panel angle is
15° 30° 45° adjustable

Fan's both sides are with mesh nets





Model Selections:

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Axial solar fan 12 inch & 14 inch with aluminum blades, PV power 12W to 30W:

Model #	SN2015010	SN2013013	SN2015011	SN2015004
Solar Panel	15 watt	15 watt	20 watt	30 watt
	365x365x25mm	365x365x25mm	365x410x25mm	415x495x25mm
Fan Size	Dia.317x175mm	Dia.368x175mm	Dia.368x175mm	Dia.368x175mm
Fan Blade	12 inch	14 inch	14 inch	14 inch
Air Flow	2125 CMH (1250 CFM)	2295CMH (1350CFM)	2975 CMH (1750 CFM)	3383 CMH (1990 CFM)
Fan Motor	Brush / Brushless DC	Brush / Brushless DC	Brush / Brushless DC	Brush / Brushless DC
Speed	1660 RPM	1450 RPM	1550 RPM	1680 RPM
Product Weight	N/W: 7KGS G/W: 8KGS	N/W: 7.2KGS G/W: 8.2KGS	N/W: 7.4KGS G/W: 8.4KGS	N/W: 7.8KGS G/W: 8.9KGS
Packing	1 set/carton/ 0.064cbm	1 set/carton/ 0.064cbm	1 set/carton/ 0.064cbm	1 set/2 cartons/ 0.067cbm

Green Solar Energy Powered, Cost-Effective, Environmental-Friendly...

NEW REPLACEMENT TO THE CONVENTIONAL WALL FANS!

Customization Services:

In order to extend product functions, we offer tailor-make services, you can:

- Request **LARGER POWER SOLAR PANEL** for stronger venting flow
- Order **YOUR OWN COLOR** for the product's powder coating finished
- Add **BATTERY** to have the fan go on working still under solar DC energy after sunset
- Use **AC/DC POWER ADAPTER** to have the fan continue working under grid AC backups in any sunless period
- Attach **THERMOSTAT** to have the fan work/stop at preset temperature
- Add **POWER CORD SWITCH** to have the fan start/stop flexibly as per desire
- Ask for **MOUNTING BRACKET** for the solar panel
- Request OEM / ODM **MOUNTING FRAME** for the fan host
-

**CUSTOM
MADE**



When the Solar Fan has Battery System:

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25W 16V, 30W 16V or 35W 16V solar panel

to charge 9.6Ah battery in day time, and the battery will discharge power in sunless periods as backup fan nonstop day & night

Battery is inside this box, at the back side of solar panel.



Fan Motor is Brushless DC motor, as 24 hours work burden needs longer service life.

15W 18V, 20W 18V or 25W 18V solar panel directly to run motor in day time

Cable to connect solar panel battery system with fan is also 6m

Mounting Bracket angle for the solar panel battery system is also 15° 30° 45° adjustable.



Model Selections:

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When inbuilt solar battery kit is added to support solar fan runs both day & night:

Model #	SN2013014	SN2015013
Solar Panel	40 watt 15W for motor + 25W for battery	60 watt 25W for motor + 35W for battery
Fan Size	Dia.317x175mm	Dia.368x175mm
Fan Blade	12 inch	14 inch
Air Flow	2125 CMH (1250 CFM)	3179 CMH (1870 CFM)
Fan Motor	Brushless DC	Brushless DC
Speed	1660 RPM	1620 RPM
Work Time	day & night	day & night
	9.6Ah battery charged by 25W solar panel to backup sunless hours	9.6Ah battery charged by 35W solar panel to backup sunless hours
Product Weight	N/W: 10.3KGS G/W: 11.9KGS	N/W: 12.8KGS G/W: 14.4KGS
Packing	1 set/2 cartons/ 0.091 cbm	1 set/2 cartons/ 0.097 cbm

When the Solar Fan has AC/DC Power Adapter:

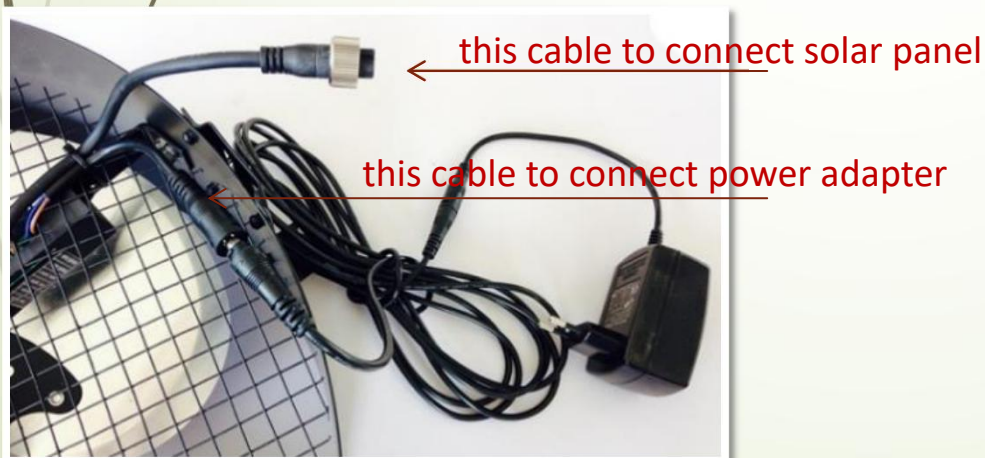
Fan Motor is still Brushless DC motor, as 24 hours work burden needs longer service life of the motor.



Similar as the situation when fan carries battery, this power adapter solution is to support solar fan nonstop even when it's without sunlight.

The difference is, solar fan + power adapter will cause some electricity bill.

However, since **output from adapter is 18V 1A**, the power consumption cost here is still small, actually, much smaller than any conventional AC fan's power consumption amount!



CE standard



UL standard

Model Selections:

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When AC/DC power adapter is added to support solar fan runs both day & night:

Model #	SN2015010 + SN2013016	SN2013013 + SN2013016	SN2015011 + SN2013016	SN2015004 + SN2013016
Solar Panel	15 watt	15 watt	20 watt	30 watt
	365x365x25mm	365x365x25mm	365x410x25mm	415x495x25mm
Fan Size	Dia.317x175mm	Dia.368x175mm	Dia.368x175mm	Dia.368x175mm
Fan Blade	12 inch	14 inch	14 inch	14 inch
Air Flow	2125 CMH (1250CFM)	2295 CMH (1350 CFM)	2975 CMH (1750 CFM)	3383 CMH (1990 CFM)
Fan Motor	Brushless DC	Brushless DC	Brushless DC	Brushless DC
Speed	1660 RPM	1450 RPM	1550 RPM	1680 RPM
Work Time	day & night	day & night	day & night	day & night
	power adapter to backup sunless hours	power adapter to backup sunless hours	power adapter to backup sunless hours	power adapter to backup sunless hours
Product Weight	N/W: 7KGS G/W: 8KGS	N/W: 7.2KGS G/W: 8.2KGS	N/W: 7.4KGS G/W: 8.4KGS	N/W: 7.8KGS G/W: 8.9KGS
Packing	1 set/carton/ 0.064cbm	1 set/carton/ 0.064cbm	1 set/carton/ 0.064cbm	1 set/2 cartons/ 0.067cbm

When the Solar Fan has Thermostat:

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Thermostat!

We can attach a snap-action thermostat with pre set operation temperature for fan motor to start / stop rotating mechanically.

Thermostat is a kind of accessory to stop the fan when it's not necessary to work in those cooler periods, meanwhile serving as a method to protect fan motor.

Normally, customers will choose our 25°C / 28°C thermostat, which allows a 7°C temperature difference between on & off.

Their performance characteristics are:

On: 25°C +/-3°C; Off: 18°C +/-5°C (25°C thermostat)

On: 28°C +/-3°C; Off: 21°C +/-5°C (28°C thermostat)



When the Solar Fan has Power Cord Switch:

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The cable it carries
is 2m long!

Power Cord Switch!

We can attach a switch
for fan motor to run /
stop rotating more
flexibly at our desire.

It's more adopted when the solar fan is
connected with battery system or AC/DC
power adapter, so as to save more energy.



Product Service Life & Warranty:

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Normally no quality problem until the fan motor reaches its lifespan.

Fan Part	Service Life	Warranty
Metal Casing	20 Years	15 Years
Solar Panel	25 Years	15 Years
Brushless DC Motor	6-7 Years	5 Years
Lithium Battery	5 Years	2 Years

The hereby lifespan & warranty terms are based on the product be used in regular residential housings, but not in those too humid or extreme condition places with acid and alkali corrosive gas / liquids.

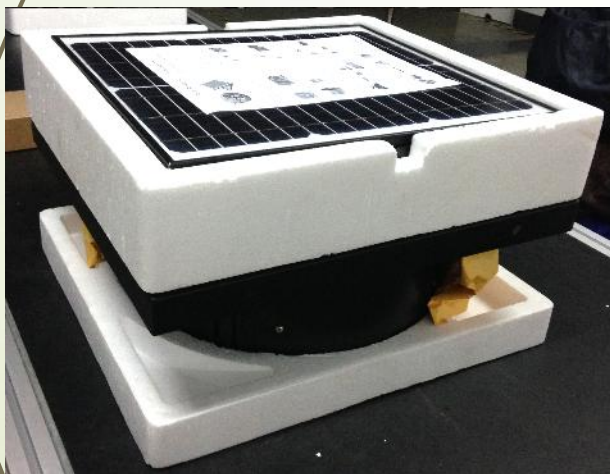


Packing & Container Loading:

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Packing Size				Loading Quantity	
1 set / carton	Length	Width	Height	20'GP	40'HQ
0.064 cbm	495 mm	440 mm	290 mm	480 sets	1105 sets

When the fan's solar panel power is larger than 20W, it'll be packed into 2 cartons, and loading quantity will be less.



**Thanks for being interested in our
solar wall ventilation fans!**

Please feel free to contact us for any further information:

