

# Solar Powered Large-scale Exhaust Fan



The solar modules mounted on roof-top will generate electricity to support the fans' working.

*You can save money and ease the heavy burden for those boring electricity bills now!*

*That is amazing, isn't it?*



But how much bills exactly  
will Sunny pay for you?

Please continue and go to  
discover...

# You've been doing this...



Receiving bills and paying money every month for your ventilating fans' electricity consumption.

- But have you ever taken a breath and thought about how much dollars you already pay for them every year?
- We've done a calculation for you: what you're paying for the electric bills in a whole year can actually bring you at less one more ventilating fan...

# Statistics 1:

## Regular Electricity Consumed Exhaust Fans

Model	Specifications					Approximated Electricity Costs			Product Cost (USD)
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Power Consumption (6 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)	
900	810	370	380	25500	2.22	\$0.13	\$0.29	\$105.34	\$110.55
1060	950	550	380	33000	3.3	\$0.13	\$0.43	\$156.59	\$146.43
1220	1110	750	380	38000	4.5	\$0.13	\$0.59	\$213.53	\$164.45

\* The marked \$0.13 electricity unit price is basing on the average electricity rate in United States.



\* The ventilating fan's yearly electricity cost is far more expensive than the product itself.

\* The bigger your ventilating fan is, the heavier energy burden it places on you.

# However, from now on...



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You can use the inexhaustible solar source freely to support operation of all kinds large scale ventilating fans, the regular commercial electricity bill in old days is no longer a must pay.

# Statistics 2:

Solar Powered Ventilating Fans

Model	Specifications					Electricity Costs				Approximated Product Cost (USD)	Product Cost + Electricity Costs		
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Work Period	Power Consumption (6 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)		1st year (USD)	2nd year (USD)	3rd year (USD)
SN2013020	810	250	36	20000	day	0	0	0	0	\$763.56	\$763.56	\$763.56	\$763.56
SN2013021	950	300	36	26000	day	0	0	0	0	\$836.28	\$836.28	\$836.28	\$836.28
SN2013022	1110	350	36	29500	day	0	0	0	0	\$896.88	\$896.88	\$896.88	\$896.88



The solar fan's power consumption cost is all **0**...

You can save a lot of dollars into the pocket!



# Statistics 3:

## Regular Electricity Consumed Exhaust Fans

Model	Specifications					Approximated Electricity Costs			Product Cost (USD)	Product Cost + Electricity Costs		
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Power Consumption (9 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)		1st year (USD)	2nd year (USD)	3rd year (USD)
900	810	370	380	25500	3.33	\$0.13	\$0.43	\$158.01	\$110.55	\$268.56	\$426.57	\$584.58
1060	950	550	380	33000	4.95	\$0.13	\$0.64	\$234.88	\$146.43	\$381.31	\$616.19	\$851.07
1220	1110	750	380	38000	6.75	\$0.13	\$0.88	\$320.29	\$164.45	\$484.74	\$805.03	\$1,125.31

\* The marked \$0.13 electricity unit price is basing on the average electricity rate in United States.

## Solar Powered Ventilating Fans + AC/DC Power Adapters

Model	Specifications						Electricity Costs			Approximated Product Cost (USD)	Product Cost + Electricity Costs		
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Work Period	Power Consumption (9 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)		1st year (USD)	2nd year (USD)	3rd year (USD)
SN2015018	810	250	36	20000	day & night	0.75	0.13	0.098	35.588	\$929.20	\$964.79	\$1,000.38	\$1,035.96
SN2015020	950	300	36	26000	day & night	0.9	0.13	0.117	42.705	\$1,001.92	\$1,044.63	\$1,087.33	\$1,130.04
SN2016011	1110	350	36	29500	day & night	1.05	0.13	0.137	49.823	\$1,074.64	\$1,124.46	\$1,174.29	\$1,224.11

In order to have solar fan runs nonstop at night, we can add power adapter to serve as backup.

Since solar fan is equipped with smaller power DC motor, even though our solar fan will consume electricity in those sunless periods, its power consumption cost is much smaller than conventional AC fan's. **You can still save a lot of dollars into the pocket!**

# Statistics 4:

## Solar Powered Ventilating Fans

Model	Specifications						Electricity Costs			Approximated Product Cost (USD)	Product Cost + Electricity Costs		
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Work Period	Power Consumption (6 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)		1st year (USD)	2nd year (USD)	3rd year (USD)
SN2013020	810	250	36	20000	day	0	0	0	0	\$763.56	\$763.56	\$763.56	\$763.56
SN2013021	950	300	36	26000	day	0	0	0	0	\$836.28	\$836.28	\$836.28	\$836.28
SN2013022	1110	350	36	29500	day	0	0	0	0	\$896.88	\$896.88	\$896.88	\$896.88

## Solar Powered Ventilating Fans + Batteries

Model	Specifications						Electricity Costs			Approximated Product Cost (USD)	Product Cost + Electricity Costs		
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Airflow (CMH)	Work Period	Power Consumption (11.5 hrs/day - KWH)	Unit Price (USD)	Daily (USD)	Annual (USD)		1st year (USD)	2nd year (USD)	3rd year (USD)
SN2015019	810	250	36	20000	day & night	0	0	0	0	\$2,000.81	\$2,000.81	\$2,000.81	\$2,000.81
SN2015021	950	300	36	26000	day & night	0	0	0	0	\$2,151.30	\$2,151.30	\$2,151.30	\$2,151.30
SN2016037	1110	350	36	29500	day & night	0	0	0	0	\$2,263.41	\$2,263.41	\$2,263.41	\$2,263.41

If you want the solar fan to work nonstop also at night, but don't expect to pay any electricity bill, we can add a solar battery kit into product, and the fan's power consumption cost is still all 0...







How Do You Define It?

# Statistics 5: Cost Comparisons

*the below costings are approximated only*

Regular Electricity Consumed Ventilators

Blades	Product Cost (USD)	Product Cost + Annual Electricity Costs (USD)		
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year
810	\$110.55	\$268.56	\$426.57	\$584.58
950	\$146.43	\$381.31	\$616.19	\$851.07
1110	\$164.45	\$484.74	\$805.03	\$1125.31

VS

New Type Solar Powered Air Exhaust Fans

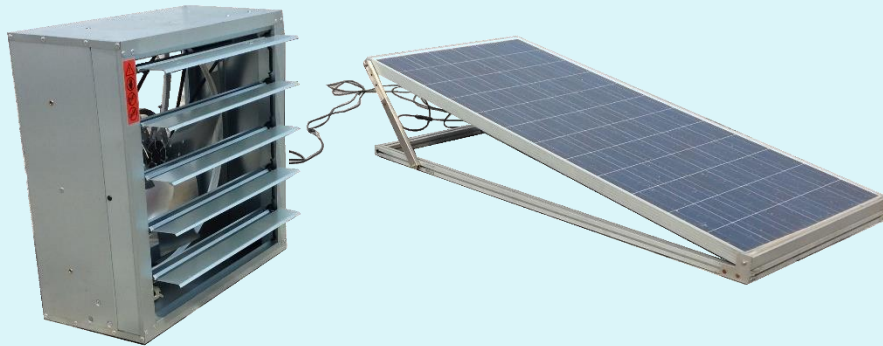
Blades	Product Cost (USD)	Product Cost + Annual Electricity Costs (USD)		
		1 <sup>st</sup> year	2 <sup>nd</sup> year	3 <sup>rd</sup> year
810	\$763.56	\$763.56	\$763.56	\$763.56
950	\$836.28	\$836.28	\$836.28	\$836.28
1110	\$896.88	\$896.88	\$896.88	\$896.88

The regular ventilating fan may cost you smaller to buy the product, but it keeps asking you to pay every day.

Our solar fan may comparatively request you to pay bigger at one time, but it is **DC low voltage with higher safety & environmental & free to work for you forever**, and will **PAY YOU BACK SOON AFTER YEARS.**



# Our Solar Exhaust Fan Options for You:



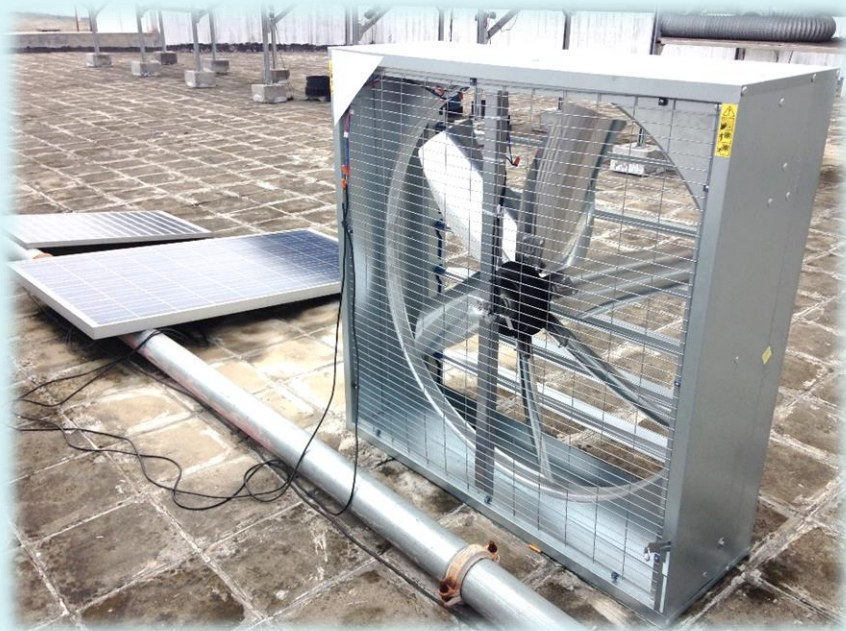
- Fan + Solar Panel**
- Fan + Solar Panel + Power Adapter**
- Fan + Solar Panel + Storage Battery**

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Model	Specifications										Work Period
	Fan Blade (dia. - MM)	Power (W)	Voltage (V)	Motor	Airflow (CMH)	Fan Host Size (MM)	Solar Panel Size (MM)	Package (Fan / CBM)	Package (PV / CBM)	Total Volume (CBM)	
SN2013020	810	250	36	Brushless DC	20000	900*900*400	[1640*992*50]x1	0.41	0.27	0.68	day
SN2013021	950	300	36	Brushless DC	26000	1060*1060*400	[1956*992*50]x1	0.56	0.32	0.88	
SN2013022	1110	350	36	Brushless DC	29500	1220*1220*400	[1956*992*50]x1	0.73	0.32	1.05	
SN2015018	810	250	36	Brushless DC	20000	900*900*400	[1640*992*50]x1	0.41	0.28	0.69	day & night, with Power Adapter
SN2015020	950	300	36	Brushless DC	26000	1060*1060*400	[1956*992*50]x1	0.56	0.33	0.89	
SN2016011	1110	350	36	Brushless DC	29500	1220*1220*400	[1956*992*50]x1	0.73	0.33	1.06	
SN2015019	810	250+460	36	Brushless DC	20000	900*900*400	[1640*992*50]x1 + [1320*992*50]x2	0.41	0.71	1.12	day & night, with Battery
SN2015021	950	300+460	36	Brushless DC	26000	1060*1060*400	[1956*992*50]x1 + [1320*992*50]x2	0.56	0.76	1.32	
SN2016037	1110	350+460	36	Brushless DC	29500	1220*1220*400	[1956*992*50]x1 + [1320*992*50]x2	0.73	0.76	1.49	

# Product Service Life & Warranty

- Fan Host: designed lifespan 15 Years, warranty 10 Years
- Solar panel: designed lifespan 25 Years, warranty 15 Years
- Motor: designed lifespan above 10years, warranty 5 Years
- Battery: designed lifespan above 8 years, warranty 2 Years
- Power Adapter: designed lifespan above 10 years, warranty 5 Years



ROA ↑



Unique brushless dc motor of high energy efficiency  
36V low voltage input / output for better safety  
Direct drive, No belt pulley  
No maintenance, No electricity bill

# OEM your unique Solar Exhaust Fans:



Simply tell us your requirements, we'll help you to turn all kinds of regular electric industrial fans into cost-free solar exhaust fans!

**Let the sun pay all bills for you!**

# Thanks for being interested in our Solar Powered Large-scale Exhaust Fans!

Please feel free to contact us for any further information:



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