

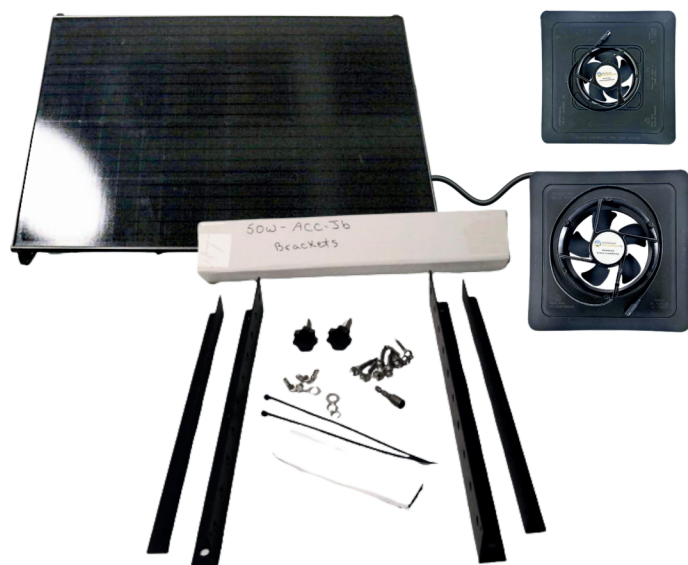


# iSolar 50WSPF-FLEX

Modular Solar-Powered Attic Fan

## SPECIFICATIONS

### THE WORLD'S MOST FLEXIBLE SOLAR-POWERED VENTILATION



#### 50WSPF-FLEX MODEL OPTIONS

Attic Area (sf)	Model #	Fan qty/size	Total CFM
0-500	50W206-FLEX	2 / 6"	610
500-1000	50W108-FLEX	1 / 8"	615

A natural solar energy driven fan, making high efficient yet quiet ventilation via its top grade brushless motor. An energy-saving ventilation solution for a healthy and comfortable environment.

- Removes moisture, harmful mold, mildew and gases
- Reduces electricity bills
- Balances indoor temperature
- Extends lifespan of roofing materials
- Reduces wear on air-conditioners
- Prevents ice-damming in winter (without thermal auto shut-off)

A modular roof or wall mounted solar attic fan that easily retrofits into existing vent openings or with a new hole cut 8" to 12" depending on fan size selected.

A single 50 watt panel can be located anywhere on the roof and power up to 2 fans.

<b>Power</b>	50W Solar Panel
<b>Solar Panel</b>	Monocrystalline, adjustable angle bracket size: 49X58x2.5 cm (19.2x22.8x1 in.)
<b>Fan Blades</b>	6-8" Fan (5) Composite plastic high velocity fan blades.
<b>Cable</b>	1m (39 in.) length cable with SAE plug to connect solar panel fan.
<b>Fan Mounting Plate</b>	One-piece fan and mounting plate for easy retrofit under existing or new vent covers. 40.9x40.9 cm (16.1x16.1in.)
<b>Fan Dimensions</b>	6" Fan- 17.2x5.1x5 cm (6.7x6x2 in.) 8" Fan- 20.0x20x6 cm (7.8x7.8x2.3 in.)
<b>Air Movement</b>	6"/8" - 305/615 CFM* (per fan)
<b>Thermal Auto Shut-off Switch</b>	Optional Shut-off Switch - Set to 20C/68F (special order)
<b>Packaging</b>	Panel 55.9x7.9x59.7 cm (22x3.1x23.5 in.) Fan varies up to 41.7x6.6x40.9 cm (16.4x2.6x16.1 in.)
<b>Weight</b>	Varies up to 5.9-6.8 kg. (13-15 lbs.)
<b>Application</b>	Roof/Attic, Sheds, Garages & Outbuildings

<b>MOTOR</b>	<b>Type</b>	Brushless DC
	<b>Voltage</b>	1-2.7A~24V
	<b>Power</b>	≤ 50W
	<b>Size</b>	7.6 cm (3 in.) diameter
	<b>Rated Speed</b>	3000-4000 RPM
	<b>Quietness</b>	Very quiet at < 67 dB
	<b>Material</b>	Aluminum and plastic, high quality ball bearings. (rated for 50,000 hours of continuous operation)
	<b>Intrusion Protection</b>	IP68 (Water Proof) Potting Compound

Due to lack of industry standards, CFM is often quoted as the maximum peak output of the bare fan in laboratory conditions. iSolar CFM is representative of operating in typical attic conditions ranging in output from 200 CFM to a maximum of 615 CFM, depending on intensity of the sunlight, duration of direct sunlight on the panel, and the size of the fan selected.

**INTERNATIONAL SOLAR SOLUTIONS INC.**

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