

VICEARTH

Solar Shutter Exhaust Fan User Manual



Installation Tips

1. Before installation, plan the placement of the solar panels, fan, and wiring to ensure proper spacing and an efficient setup.
2. Depending on the installation environment, positioning the solar panels in the same direction improves charging efficiency, while positioning them in different directions can extend charging hours.
3. The fan features 12 adjustable speed levels (1–12). When fully charged, it can operate for over 12 hours at the default Level 10 speed.
4. During installation, ensure the louver is facing outward and the solar panels are not obstructed.

Solar Panel

1. Install the solar panel in a location with direct sunlight. Avoid obstructions such as trees, branches, or buildings, as they can significantly reduce charging efficiency.
2. Secure the solar panels firmly to the roof to prevent loosening or movement, ensuring safe and stable operation.
3. Clean the solar panels at least once every six months to maintain optimal charging efficiency.

Motor

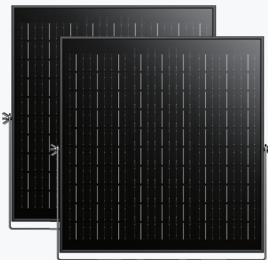
Equipped with a pure copper brushless motor, it delivers quiet operation, high efficiency, long service life and stable ventilation performance.

Battery Pack

Equipped with a rechargeable battery pack for reliable power storage and extended runtime. To maximize battery life, avoid leaving the battery in an overcharged or deeply discharged state for extended periods.



❶ 10-inch Exhaust fan



❷ Solar Panel



❸ AC Adapter



❹ Remote Control



❺ Mounting Hardware



❻ User Manual

Parameter	Value
Rated Voltage	11.1V
Speed Levels	1 – 12 Levels
Default Operating Speed	1250 RPM (Level 10)
Charging Time	4 – 6 Hours
Runtime	8 – 16 Hours
Noise Level	40 - 60 dB
Solar Panel	25W × 2 Solar Panels
Battery Type	Rechargeable Battery Pack
Battery Cycle Life	3000+ charge cycles

Product Highlights

- ✓ **Solar Powered** — No wiring or electricity required.
- ✓ **Rechargeable Battery** — Reliable operation after sunset.
- ✓ **Pure Copper Brushless Motor** — Quiet, efficient, and durable.
- ✓ **Aluminum Fan Blades** — Strong airflow and corrosion resistance.
- ✓ **Weatherproof Louver** — Helps block rain, dust, and insects.
- ✓ **Remote Control** — Easy speed and timer adjustment.
- ✓ **All-Metal Construction** — Built for long-term outdoor use.

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FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.