

# Solar Flower

Movable and adjustable solar energy storage system

- Using the global positioning tracking algorithm, the blade (solar panel) can automatically adjust the direction, angle and retractable state of the blade following the movement of the sun, and always maintain the best power generation angle.
- Adaptable to a variety of climates, even if it is cloudy, the blades move to track the position of the sun.



## Novel appearance

Sunflower bionic design, beautiful and novel, suitable for various application scenarios.



## High power generation efficiency

The power generation per unit area is 40% higher than that of traditional solar panels, and the life can reach more than 20 years.



## Multi-axis tracking

Solar real-time tracking system, the blades are automatically folded and cleaned automatically.



## Easy installation

Flexible installation site selection, easy to carry and hoist once, saving labor costs.



## Safety monitoring

-20 to maintain safe and stable start, wind and snow protection, sensor monitoring wind speed, one-key start.



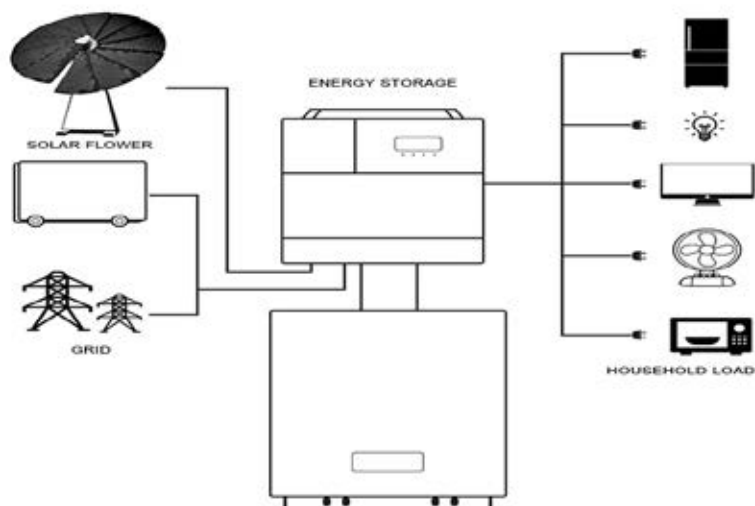
## Various models

The product has two specifications: 1.4 kW and 2.6 kW.



# Solar Flower

## Composition



## ELECTRICAL PERFORMANCE PARAMETERS

### SPECIFICATIONS OF SOLAR MODULES

Product model	1.4kW	2.6kW
Efficiency ( $\eta_m$ )	$\geq 21.6\%$	$\geq 21.6\%$
Peak voltage ( $V_{mpp}$ )	29.55v	23.54V
Peak current ( $I_{mpp}$ )	4.23A	9.53A
Open circuit voltage ( $V_{oc}$ )	32.12V	25.62V
Short circuit current ( $I_{sc}$ )	4.43A	9.92A

### OPERATING CONDITIONS

Product model	1.4kW	2.6kW
Maximum system voltage	1000V <sub>DC</sub>	1000V <sub>DC</sub>
Operating temperature	-15°C ~ 60°C	-15°C ~ 60°C
Output voltage	220V AC	220V AC
Environment humidity	5% ~ 95%	5% ~ 95%
Operating mode	on/off grid	on/off grid

### CONSTRUCTION MATERIAL

Product model	1.4kW	2.6kW
Module size	1595×1022×4.5mm	2070×1228×4.5mm
Product size (expanded)	4000×4000×4000	5000×5000×5000mm
Product size (Closure)	1030×1330×2170	1440×1300×2710mm
Weight	About 650KG	About 950KG
Structure	Three-axis tracking	Three-axis tracking
Waterproof level	IP65	IP65

Due to continuous innovation, research and product improvement, the specifications in this product information sheet are subject to change without prior notice. The specifications may deviate slightly and are not guaranteed.

The data do not refer to a single module and they are not part of the offer, they only serve for comparison to different module types.

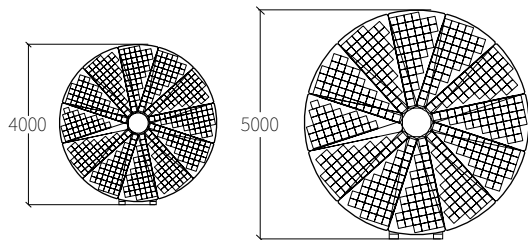
## QUALIFICATIONS AND CERTIFICATIONS

IEC 61215, IEC 61730, 3C, ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018.

## DISPLAY



## EXPAND SIZE



**Baoding Jiasheng Photovoltaic Technology Co., Ltd.**

E-mail : [commerce.gs@yingligroup.com](mailto:commerce.gs@yingligroup.com)

Hotline: 400-663-0808/+86-0312-7510221

web address: [www.jiashengguangdian.com](http://www.jiashengguangdian.com)

Address: No. 88 Hengyuan West Road, Baoding National

High-tech Zone, Hebei Province, China