

**SAVING
MORE
POWER**



PowerbritteE



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**Solar Roof
Ventilation Fan**



Company Introduction

Welcome to PowerBrittee, we are leaders in new energy technology, committed to bringing endless clean energy to the world through innovative technology.

Our team is composed of people who are passionate about technology and innovation, with the goal of developing the most advanced and efficient new energy solutions.

PowerBrittee symbolizes our mission and vision. We aim to harness the power of nature to provide endless energy for mankind. Our goal is to make every family self-sufficient, every city capable of intelligent energy management, and every country able to store enough energy to cope with any potential energy crisis.

Our products and services are not only to meet current needs but also to foresee and create future possibilities. Our R&D team is constantly exploring and innovating to ensure our products are always at the forefront of the industry. Our customer service team always puts customers at the center, providing the best quality service.

At PowerBrittee, our goal is to use the most advanced new energy technology to provide efficient and environmentally friendly energy solutions for users around the world. Our solar energy products use the latest photovoltaic technology, effectively converting solar energy into electrical energy. Our wind energy products use innovative wind energy technology, fully utilizing the endless wind energy resources, converting wind energy into electrical energy.

Join us to create a greener and more sustainable future. PowerBrittee, for you, for me, for the earth. Our future is full of infinite possibilities, let us together, with the power of technology, create this future.

The mission of PowerBrittee is to use the power of technology to develop and provide the most advanced and efficient new energy solutions to meet the energy needs of the world, promote sustainable development, and improve people's quality of life.

Our vision is to become a global leader in new energy technology. Through our products and services, every family can be self-sufficient, every city can achieve intelligent energy management, and every country can store enough energy to cope with any potential energy crisis.

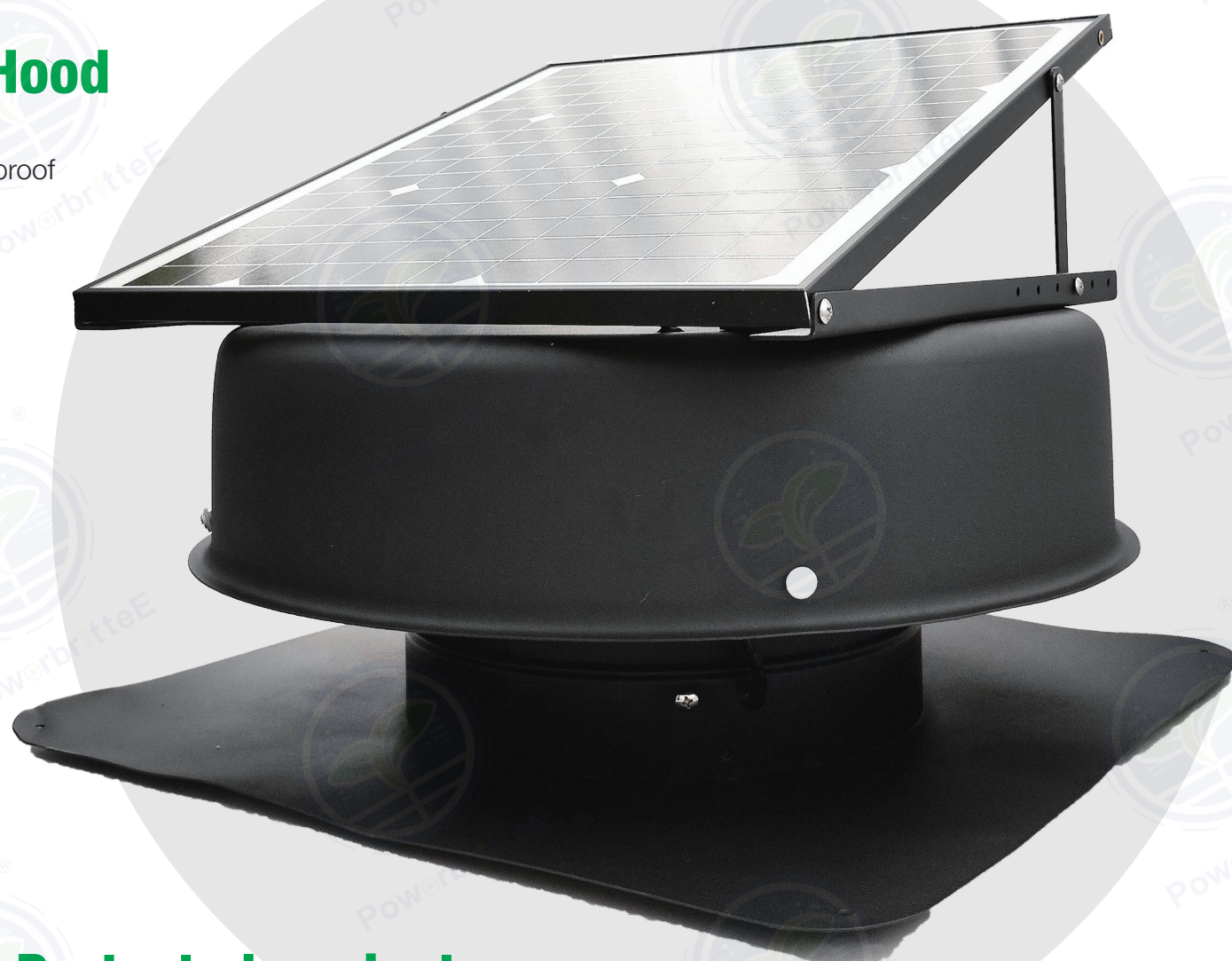




Product Description

Aluminium Hood

Greater Heat Dispersion
Integrated Design, Waterproof
Cold & Heat Resistant



Protected against Rain and Lightning

A power adapter can be used to supplement the power in rainy weather and at night.
A remote control can also be added for remote control.

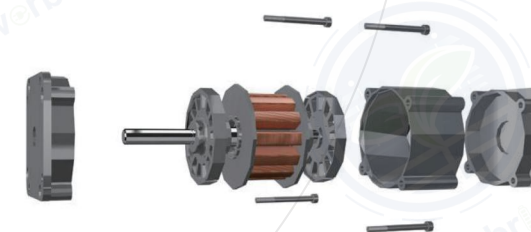


Durable Aluminium Fan Blades

Low vibration, Low noise
High efficiency, Light weight

Solar Panels

Monocrystalline Silicon, Heavy Duty Frame
3mm Tempered Glass



Brushless DC Inverter Motor

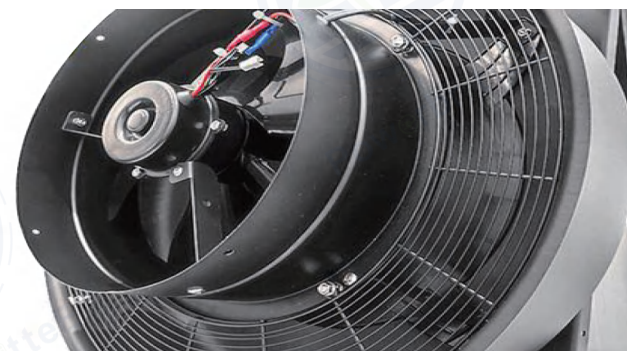
DC motor designed and engineered specifically for solar panel performance curvatures.
Using rare-earth Neodymium magnetic materials to ensure stable and efficient performance at all levels of output.



Product Details

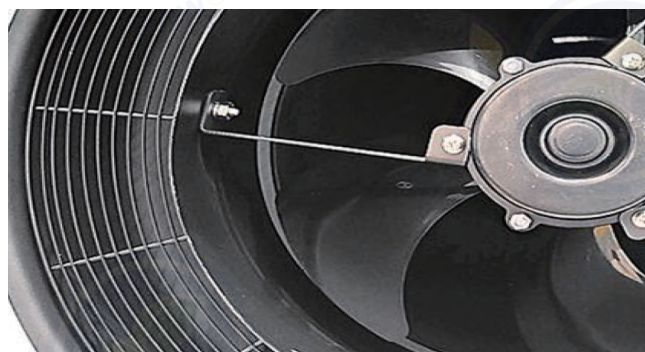
Solar Panel

3mm diffused tempered glass
ensuring even spread of sunlight



Aluminium Hood

UV resistant epoxy resin electrostatic
powder coating



Standards

Safe gap size
Preventing safety hazards



Snap-Fit Design

Reinforcing bolts along with welding to
provide a more robust design

Mainly Application

SIPL solar roof fans can be widely applied in
Residential House, Industrial Factory, Workshop,
Garage. Basement. Commercial Building,
Warehouse, Greenhouse, Modern Dome Tent
House, Livestock Feeding Shed, Prefab House...



LW-SPF-320 Series

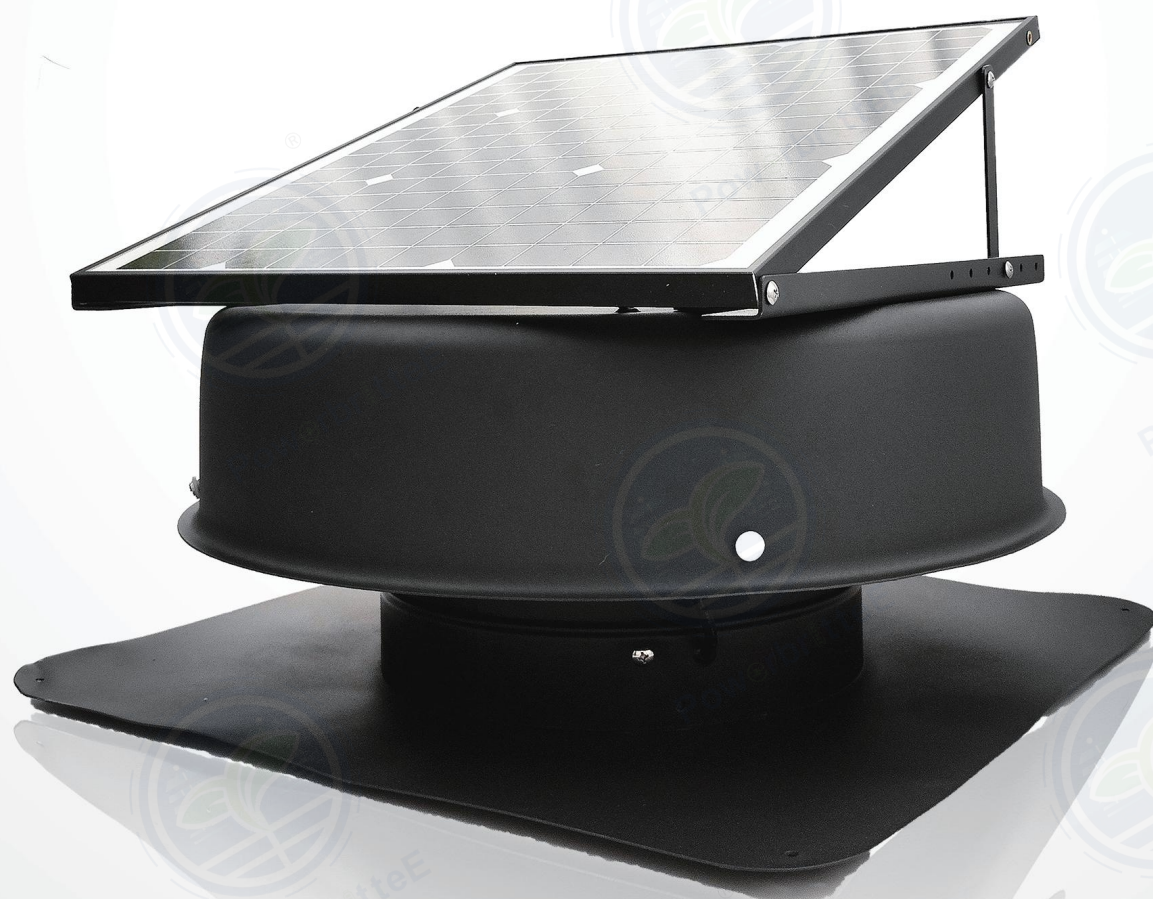
Solar Roof Ventilation Fan

Solar Roof Ventilation Fan



Technical Specifications

Model	LW-SPF-320D/LW-SPF-320E/LW-SPF-320F/LW-SPF-320G
Diameter of Cylinder	320mm
Exhaust Air Volume	1500-2500m ³ /h
Motor	25/30/35/Watts, 6-18V DC, Maximum 1600RPM, Brushless Motor with Double Shielded Ball Bearings
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3mm Tempered Glass
Solar Panel Output	25/30/35/45 Watts and 15 Volts DC
Fan Blades	5 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 60dBA
Structural Material	Aluminium Alloy Cover and Main Body. Steel Bracket and Air Duct, and Stainless-Steel Fasteners
Colour and Processing	Black UV Resistant Epoxy Resin Electrostatic Powder Coating
Plate	565mm×565mm×1mm
Product	565mm×565mm×260mm
Packaging	575mm×575mm×275mm
Product Weight	7.2/7.5/7.8/8.4kg
Gross Weight	9/9.3/9.6/10.2kg
Warranty Period	1 Years (10 Years for Solar Panel)



LW-SPF-350 Series

Solar Roof Ventilation Fan



Solar Roof Ventilator



Technical Specifications

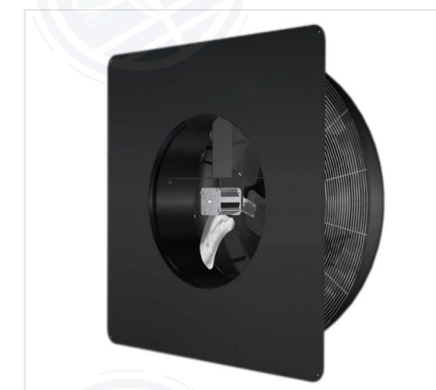
Model	LW-SPF-350
Diameter of Cylinder	350mm
Exhaust Air Volume	3000m ³ /h
Motor	35 Watts, 6-18V DC, Maximum 1460RPM, Brushless Motor with Double Shielded Ball Bearings
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3.2mm Tempered Glass
Solar Panel Output	42 Watts and 15 Volts DC
Fan Blades	5 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 45dBA
Structural Material	Aluminium Alloy Cover and Main Body. Steel Bracket and Air Duct, and Stainless-Steel Fasteners
Colour and Processing	Black UV Resistant Epoxy Resin Electrostatic Powder Coating
Plate	565mm×656mm×1mm
Product	565mm×565mm×260mm
Packaging	600mm×600mm×280mm
Product Weight	8.2kg
Gross Weight	10kg

LW-SPF-600 Series

Solar Roof Ventilation Fan



Solar Roof Ventilator

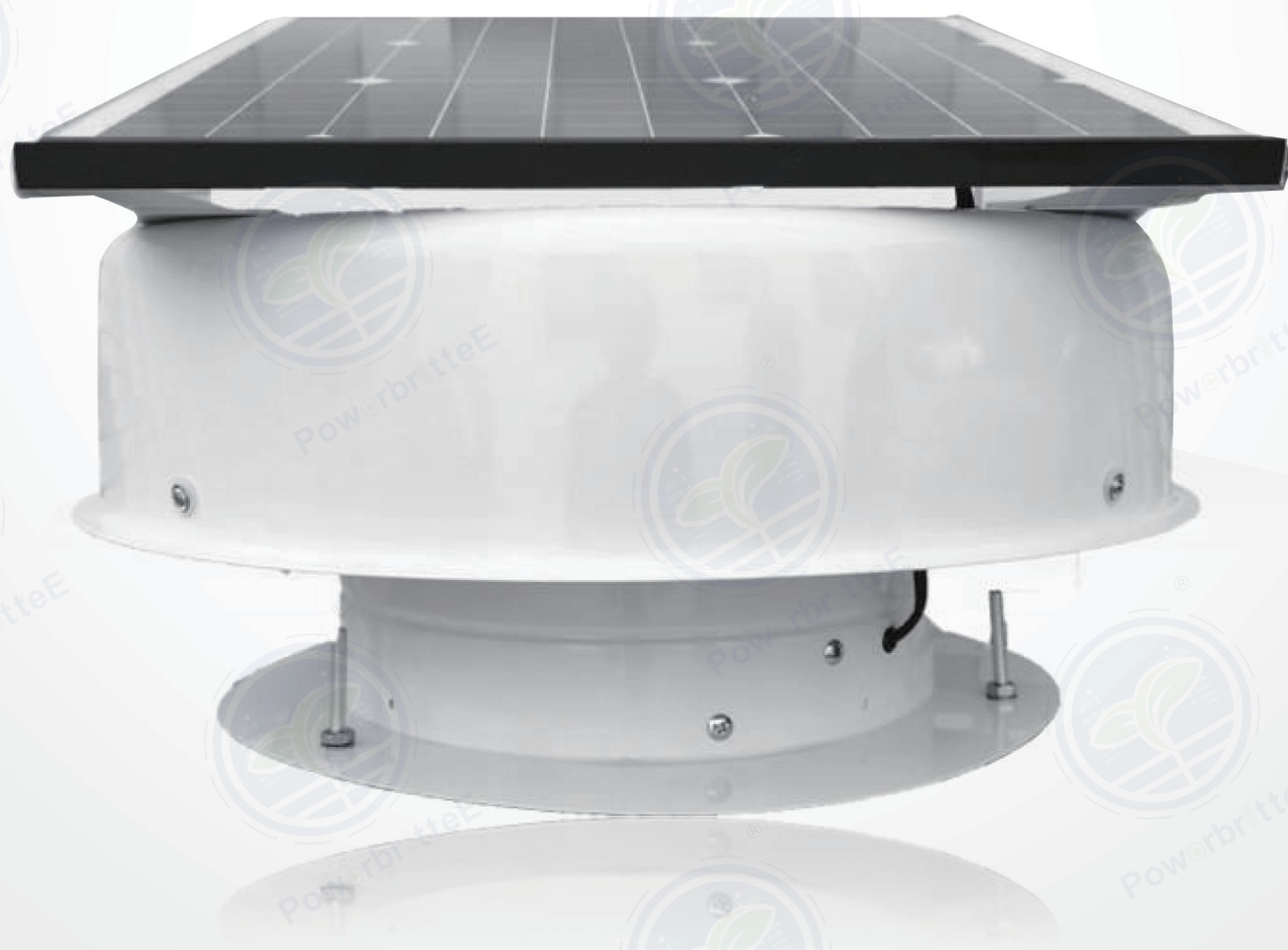


Technical Specifications

Model	LW-SPF-600A/LW-SPF-600B
Diameter of Cylinder	600mm
Exhaust Air Volume	6000-7000m ³ /h
Motor	150/180 Watts, adaptive DC 18~36V, maximum 1350RPM, double ball bearings, designed for solar characteristics, adaptable to ultrawide range of sunlight changes for most efficient solar intake for best DC brushless inverter motor performance
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3mm Tempered Glass
Solar Panel Output	150/180 Watts and 36 Volts DC
Fan Blades	3 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 80dBA
Structural Material	Aluminium Alloy Cover and Main Body. Steel Bracket and Air Duct, and Stainless-Steel Fasteners
Colour and Processing	Black UV Resistant Epoxy Resin Electrostatic Powder Coating
Plate	930mm×930mm×1mm
Product	1130mm×1130mm×380mm
Packaging	1160mm×1160mm×400mm
Product Weight	30/31kg
Gross Weight	35/36kg
Warranty Period	1 Years (10 Years for Solar Panel)

LW-SPF-320 Series

Tent Ventilation and Exhaust Fan



Tent Ventilation and Exhaust Fan



Technical Specifications

Model	LW-SPF-320T/LW-SPF-320-01
Diameter of Cylinder	320mm
Exhaust Air Volume	1500-2000m ³ /h
Motor	35 Watts, 6-18V DC, 1600RPM Max, Brushless Motor with Double Shielded Ball Bearings
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3mm Tempered Glass
Solar Panel Output	35w (tall) /18w (flat) and 15 Volts DC
Fan Blades	5 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 60dBA
Structural Material	Cover and main body of aluminum alloy, steel air duct and bracket stainless steel fastener
Colour and Processing	Electrophoretic with Epoxy Black Powder Coating
Plate	565mm×565mm×1mm
Product	565mm×565mm×260mm
Packaging	575mm×575mm×275mm
Product Weight	9kg (tall)/6.3kg (flat)
Gross Weight	10.6kg (tall)/8kg (flat)
Warranty Period	1 Years (10 Years for Solar Panel)

LW-SPF-320 Series

12-inch Portable Solar Fan

12-inch Portable Solar Fan



Technical Specifications

Model	LW-SPF-320A
Diameter of Cylinder	320mm
Exhaust Air Volume	2100m ³ /h
Motor	Standard 35 Watts, adaptive DC 6-18V, maximum 1600RPM, double ball bearings, designed for solar characteristics, adaptable to ultra-widerange of sunlight changes for most efficient solar intake for best DC brushless inverter motor performance
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3mm Tempered Glass
Solar Panel Output	35 Watts and 15 Volts DC
Fan Blades	5 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 60dBA
Structural Material	Steel Bracket and Air Duct, and Stainless-Steel Fasteners
Colour and Processing	Black UV Resistant Epoxy Resin Electrostatic Powder Coating
Plate	500mm×460mm×20mm
Product	370mm×440mm×160mm
Packaging	535mm×500mm×200mm
Product Weight	5kg
Gross Weight	7.8kg
Warranty Period	1 Years (10 Years for Solar Panel)



LW-SPF-320 Series

Solar Wall Ventilation Fan



Solar Wall Ventilation Fan



Technical Specifications

Model	LW-SPF-320-02
Diameter of Cylinder	320mm
Exhaust Air Volume	2100m ³ /h
Motor	Standard 35 Watts, adaptive DC 6-18V, maximum 1200RPM, double ball bearings, designed for solar characteristics, adaptable to ultra-widerange of sunlight changes for most efficient solar intake for best DC brushless inverter motor performance
Solar Panel Type	Monocrystalline Silicon, Heavy Duty Frame, 3mm Tempered Glass
Solar Panel Output	35 Watts and 15 Volts DC
Fan Blades	5 Dynamic Balancing Leaf Blades
Automatic Shut Off	< 25°C+/-5%
Noise	≤ 60dBA
Structural Material	Steel Bracket and Air Duct, and Stainless-Steel Fasteners
Colour and Processing	Black UV Resistant Epoxy Resin Electrostatic Powder Coating
Plate	500mm×460mm×20mm
Product	370mm×370mm×160mm
Packaging	535mm×500mm×175mm
Product Weight	5kg
Gross Weight	7.8kg
Warranty Period	1 Years (10 Years for Solar Panel)