



LED LIGHTING
International Agency Industries



PART01 Smart Sunflower

Solar power generation system



**Tripe Axis Solar Power Generation System
(2.6KW & 1.45KW)**



**Single Axis Solar Power Generation System
(2.6KW)**



Product Advantages

Novel appearance

Sunflower bionic design, beautiful and novel; Suitable for a variety of application scenarios

Safe monitoring

-20°C to maintain a safe and stable start-up;
wind and snow protection, sensors monitor wind speed;
one-button start;

Easy to install

Flexible installation site selection and easy handling
One-time hoisting saves labor costs



High power generation efficiency

Power generation per unit area increased by 40%;
It can generate 15 degrees per day;
2.6KW, 2.8KW, 3.0KW(in R&D phase) ;
The service life can reach more than 20 years.

Multi-axis tracking

Solar real-time tracking system;
Automatic blade folding;
Automatic cleaning;

Built-in energy storage(optional)

Sunflower can be built-in inverter, lithium battery, leakage protection function, support on & off-grid system, mobile phone intelligent management system

Applications



Hotel



research education



school



Exhibition hall



Electric vehicle charging pile



Park/Scenic spot

PART02 Solar Advertising Light Box



**Outdoor Solar
Glass Advertising
Light Box**



**4 in 1 Solar Glass
Generation Outdoor
Classified Dustbin**



**Solar Glass
Wayfinding
Light Box**



Built in lithium battery:

longer service life (low temperature resistant battery can be provided) and can be used for 5 rainy days



Photovoltaic power generation:

Safe and reliable, no noise and pollution emission; Higher power generation and longer lighting



Billboard:

It places information advertisements with large capacity, can be illuminated at night, can be replaced easily, and is completely powered by solar energy



Intelligent function:

Data acquisition, artificial induction, intelligent opening, etc



Easy installation:

Integrated design, customized production, no need for trenching and wiring installation according to local conditions



Beautiful and practical:

Fashionable appearance, high temperature resistance, anti-corrosion, anti-cracking and flame-retardant characteristics, and can be recycled, regardless of angle

Applications

Can be used for
3-5
rainy days



Data comparison with traditional light boxes

	Ordinary City Light Boxes	Traditional Crystalline Silicon Light Boxes	Solar Glass Advertising Light Boxes
Product Cost	Low	Slightly higher	High
Construction Cost	High	Low	Low
Electricity Bill	High	No	No
Maintenance Fee	High	Low	Low
Operating Hours	Stable	Unstable	Stable
Continuous Rainy Days	Continued	1-2 days	3-5 days
Environmental Protection Effect	No	Yes	Yes
Working Environment	Depend on power	Unobstructed	Less occlusion
Space for Expansion	Yes	No	Yes

PART03 Portable Solar System



Construction-free photovoltaic support



Product Advantages



For customers in remote areas and other customers who are not suitable for construction and installation of distributed photovoltaics.



The power of a single component is 455w.
The adjustable angle of the solution product is 0°~90°



- Free construction
- Low cost
- Easy operation
- Adjustable angle
- Long life



Combined with energy storage batteries, an off-grid system can be quickly formed.

PART04 Power Glass

Beautiful Invisible P lural V alue

10-Year Limited Product Warranty

25-Year Linear Performance Warranty



ISO9001: 2015
ISO14001: 2015
ISO45001:2018
GB/T 21081
IEC61215, IEC61730, UL61730

18001:2007, OHSAS, CGC, VDE

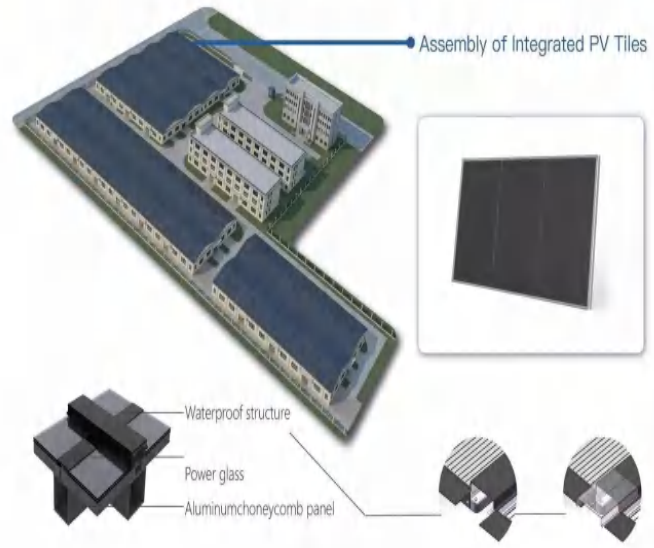
- 1 Safe and Reliable
- 2 Attractive and Functional
- 3 High performance and Cost-efficient
- 4 Energy-saving and environment-friendly



APPLICATION—Household

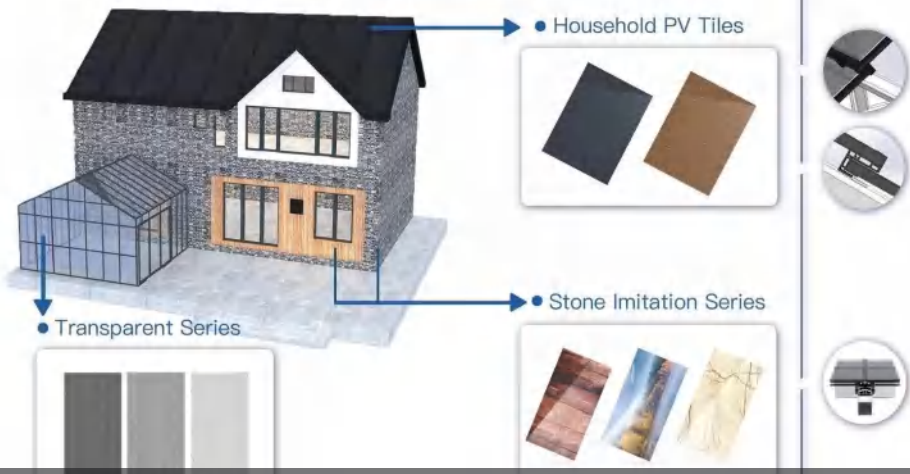


APPLICATION—Industrial and Commercial Roof



APPLICATION

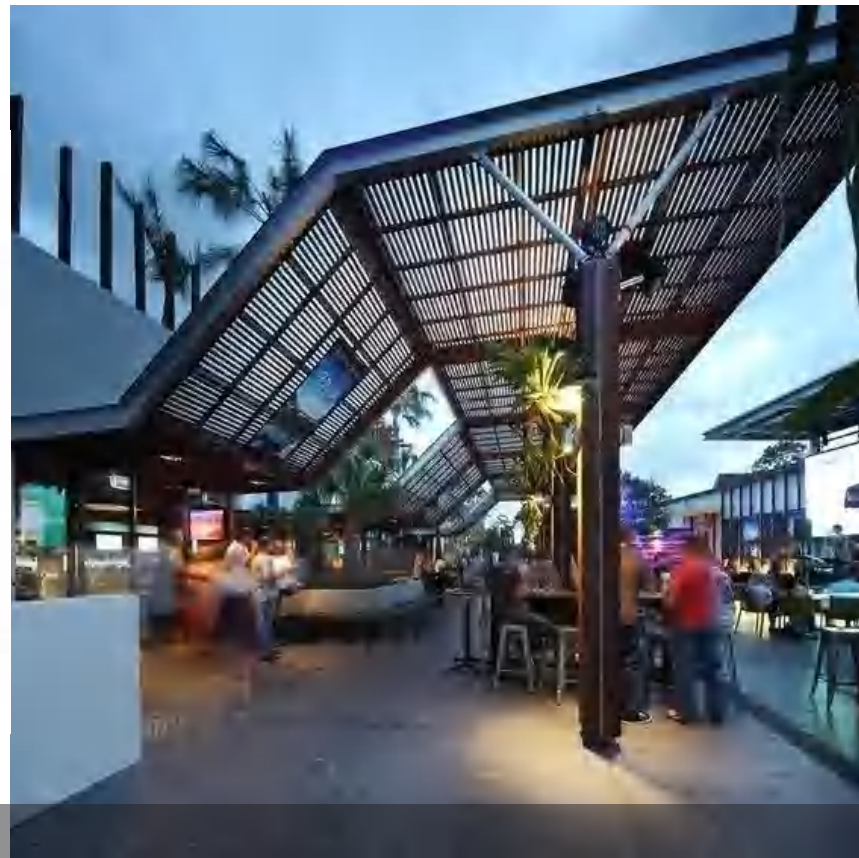
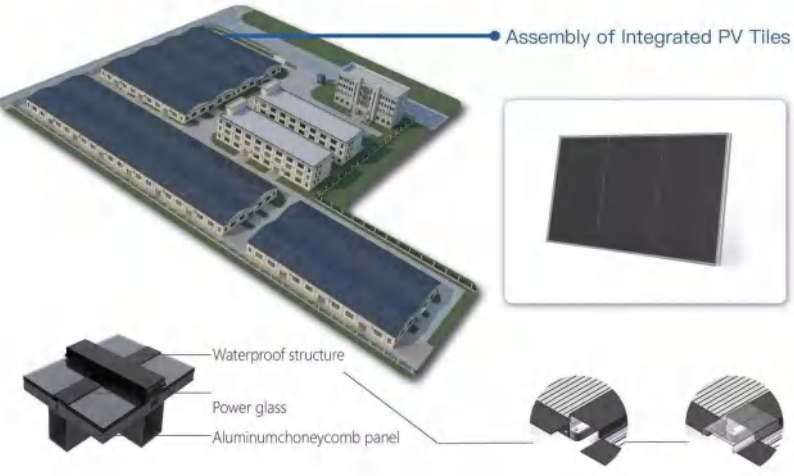
APPLICATION—Household



APPLICATION-Household



APPLICATION—Industrial and Commercial Roof



APPLICATION



PART05 Solar Battery

Box 48 /51.2V series

48V100AH	51.2V100AH
48V150AH	51.2V150AH
48V200AH	51.2V200AH



Battery wall series

48V100Ah 4.8KWH	51.2V100Ah 5.12KWH
48V150Ah 7.2KWH	51.2V150Ah 7.68KWH
48V200Ah 9.6KWH	51.2V200Ah 10.24KWH



Integrated series

A1-10	44-57.6V
A1-20	44-57.6V
A1-30	44-57.6V
A1-40	44-57.6V
A1-16	44-57.6V



Stacked series

51.2V100AH	HV series
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Feature of Battery



➤ More efficient

- High volume-energy ratio
- High mass energy ratio
- High energy conversion



➤ More intelligent

- External Bluetooth /4G/WiFi
- Upload data through IP



➤ More reliable

- Cycle life: 3000 times
- Life: 10 years
- No fire or explosion
- Batch stable application



➤ Easier to use

- Strong temperature adaptability
- Supports communication function



APPLICATION





Application



PART06 Solar Generation

AL-500W 12VDC
AL-1KW 24VDC
AL-1.5KW 24VDC



Series model

OEM & Customize are available

AL-2KW
48VDC
AL-3KW
48VDC
AL-5KW
48VDC



Portable DC Solar Power System



A Serial-Connection
PWM charge



intelligent exhaust
fan control



MCU Intelligent
design



Battery voltage



Convenient and
practical 5VDC-USB
12VDC output



Overcharge protection
and overdischarge
Protection

CHARACTERISTIC

- MCU intelligent control excellent performance
- Pure sine wave AC output, strong capacity of different loads
- 5VDC-USB output & 12VDC terminal output, Convenient and practical
- PV array and battery system input
- Protection for over charge, over discharge, can extend the life span of the Battery
- Digital meter & LED display, easy to know Equipment operating status
- Overload protection, short circuit protection and others automatic protection and alarm



MCU intelligent control excellent performance



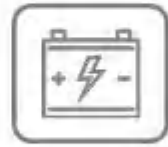
Built in temperature sensor



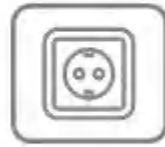
Full automatic control



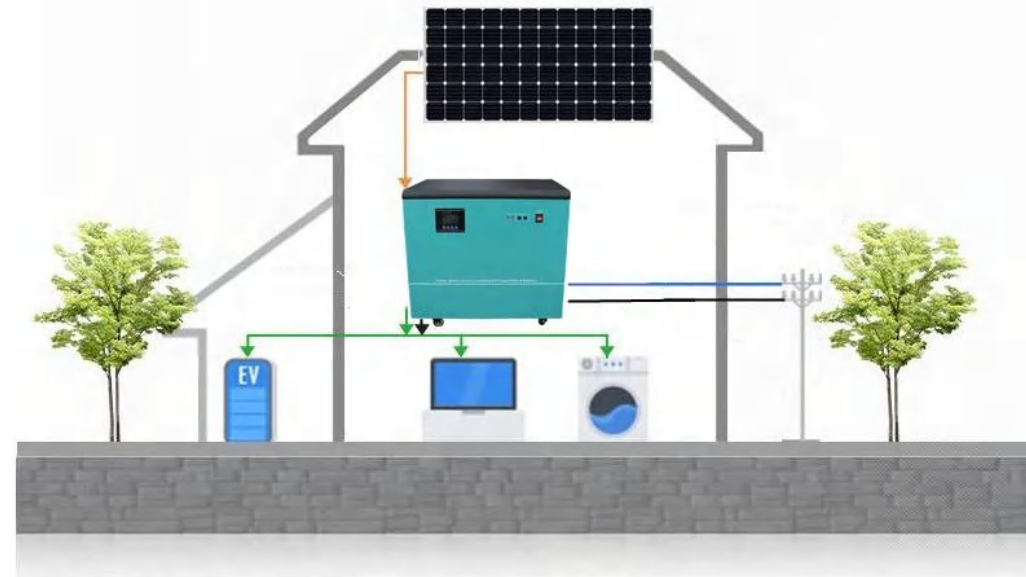
the single chip microcomputer intelligent control



Longer service life



intuitive digital pipe + LED display system





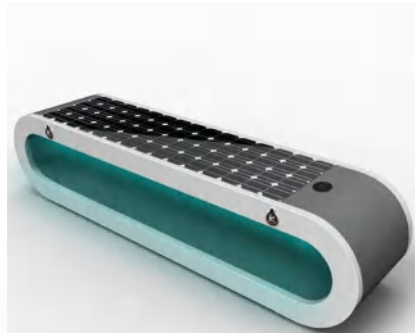
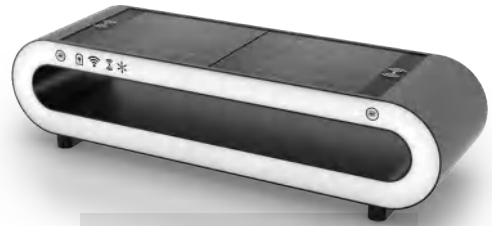
APPLICATION

OEM & Customized are available

Adapt to all kinds of loads



Solar bench





solar bus station



Solar multifunction application warehouse



Solar Glass Generation Outdoor Classified Shelter



Photovoltaic project



solar parking shed





LED LIGHTING
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