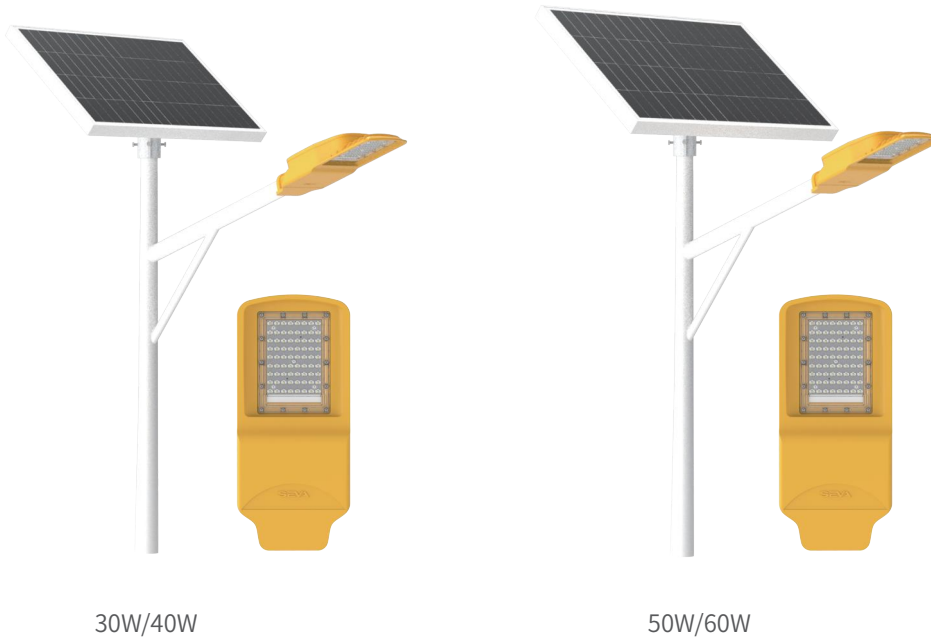


SZSW8730 Explosion-proof solar street light

- It is suitable for zone 2 places in explosive gas environment and zone 22 places for combustible dust environment;
- Suitable for IIA, IIB, IIC class explosive gas environment, suitable for the environment with temperature group T1~T6;
- It is suitable for road lighting in explosion-proof areas such as petroleum, chemical, pharmaceutical, oil refining, and oil depots.



Technical parameter

Executive standard: GB3836.1、GB 3836.2、GB 12476.1、
GB 12476.5、GB 7000.1、GB 7000.203、
GB/T 29196、IEC 62124、GB/T 4208

Explosion-proof mark: Ex nR IIC T6 Gc / Ex tD A22 IP66 T80°C

Power source: 30W/40W/50W/60W

Light effect: $\geq 140\text{lm/W}$

Daily working hours of lamps: 12h(Working hours can be set as required)

Lamp size: 495×220×95mm

Lamp head weight: 8.2kg、8.6kg、9.4kg、9.4kg

Use ambient temperature: -20°C~+50°C

Insulation class: Class III

Protection class: IP66

Applicable pole height: 3~6m

PV panel power: 60Wp/90Wp/100Wp

Photovoltaic panel wafer: monocrystalline silicon

Photovoltaic panel size: 700×510×25mm(30W/40W)

770×670×25mm(50W)

920×680×25mm(60W)

Battery capacity: 12V/24V, 20Ah, 222Wh(30W)

12V/24V, 30Ah, 333Wh(40W)

12V/24V, 40Ah, 444Wh(50W/60W)

Rainy consecutive working days: $\geq 3\text{D}$

Solar panel light pole weight: 8.5kg(With stand)

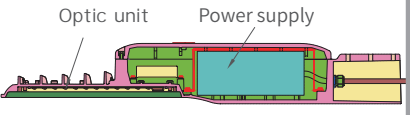
10.5kg(With stand)

13.0kg(With stand)

SZSW8730

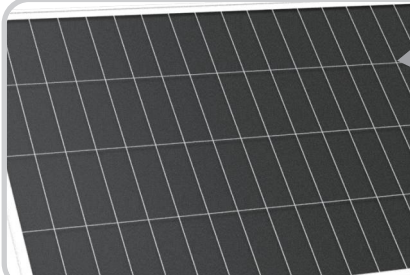
Explosion-proof solar street light

Product Features




Integrated design

The whole lamp adopts the integrated design of the light source cavity, the power supply cavity and the battery cavity, without the need for additional battery box external installation, which is safe and reliable, and is easy to install and maintain.



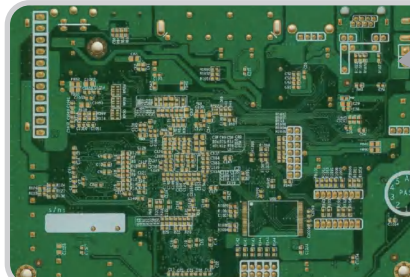
Efficient charging

The product adopts $\geq 20\%$ high photoelectric conversion efficiency monocrystalline silicon photovoltaic film, which greatly improves the charging efficiency and reduces the charging time under the same area.



Ultra-long battery life lighting

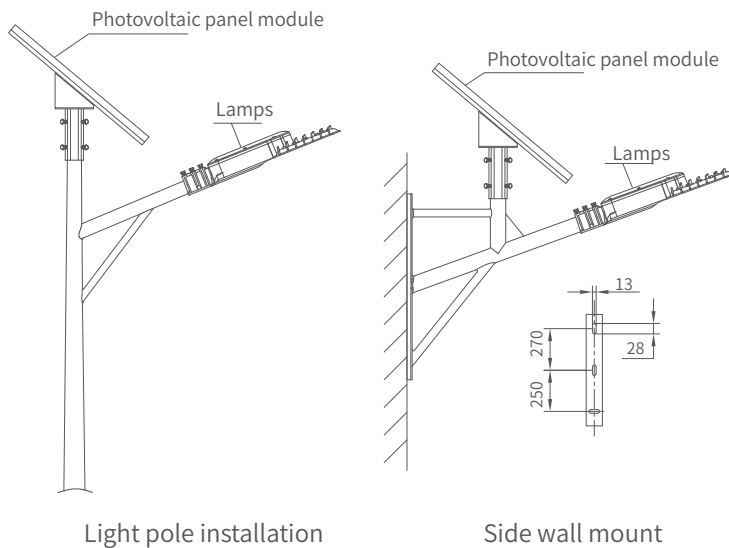
The product has an intelligent power adjustment function, which can automatically delay the lighting duration according to the time period, and the extremely low sleep current is more energy-saving; it is equipped with a high-performance battery to ensure the lighting duration of the lamps.



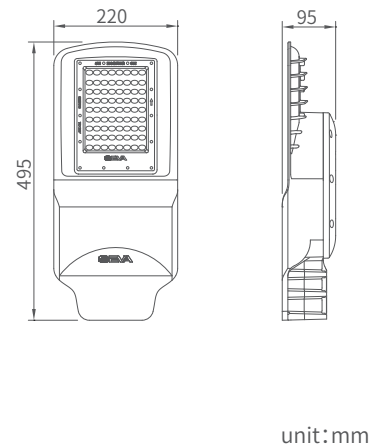
Multiple function protection

The product has multiple protection functions, including overvoltage and overtemperature protection, to ensure that the product is not easily damaged by external factors.

Installation method

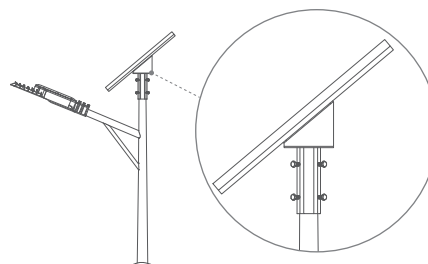


Dimensions



Selection table

Specifications	Power source	PV panel power	Installation method	Product code
SZSW8730-30	30W	60Wp	pole type	70005059
SZSW8730-40	40W	60Wp	pole type	70005058
SZSW8730-50	50W	90Wp	pole type	70005212
SZSW8730-60	60W	100Wp	pole type	70005057



Solar panel power	Casing diameter
60Wp	φ65mm
90Wp	φ65mm
100Wp	φ65mm

The size of the solar panel installation sleeve in the table is the factory size of the company. If the user prepares the pole, please refer to the installation sleeve size.