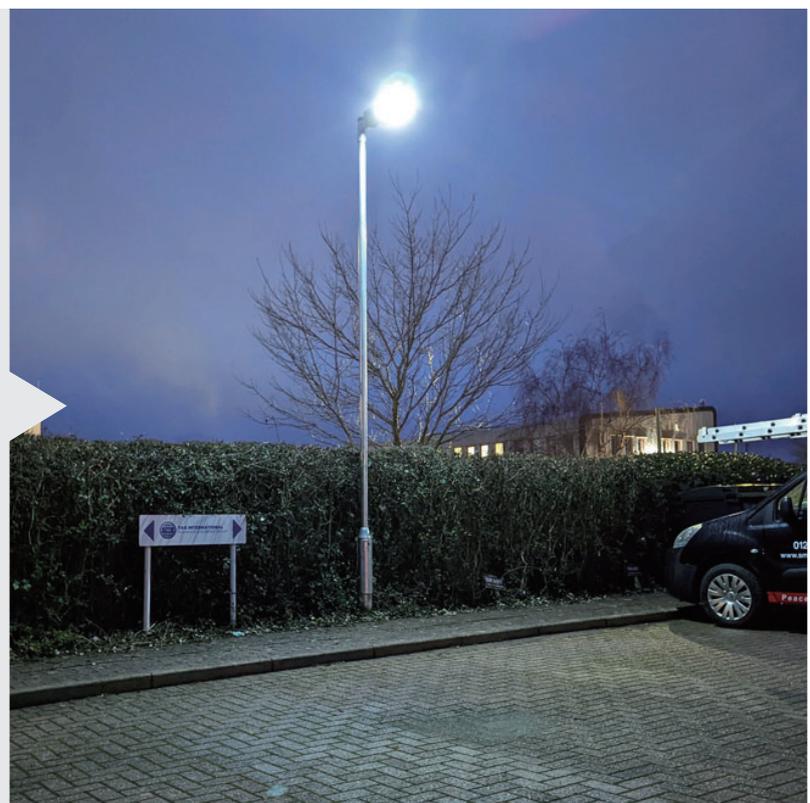# PV4 SERIES
LED SOLAR STREET LIGHT

MAINSTREAM INTEGRATED STRUCTURE DESIGN

Saving transportation costs.
Easy to install and convenient
for maintenance.

AREAS OF APPLICATION

• Village Roads
• Public Areas
• Courtyard
• Parking Lot

Key Features

• All-in-one design.

• Multiple installation modes are supported.

• High-efficiency monocrystalline silicon solar panels with a conversion efficiency of 23%.

• Intelligent battery management, prolong the service life of lithium battery.

• Microwave induction control, realize intelligent power saving mode.

• Perfect protection function, undervoltage, overcharge protection.

• Wireless remote control (Bluetooth APP), adjust the working mode easily.
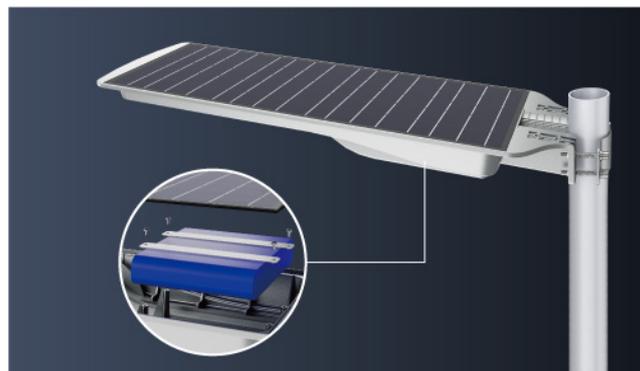
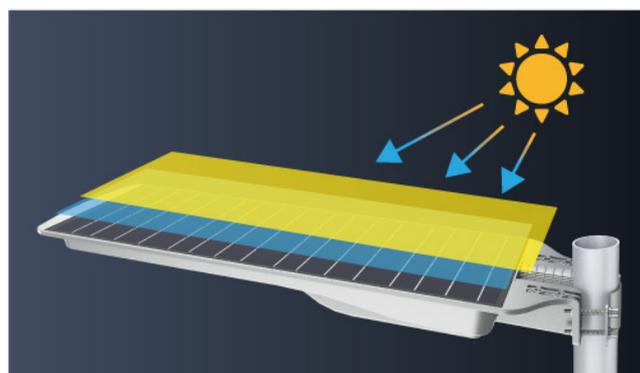Pole clamp bracket

Side Entry

Wall Mount

ZGSM
SAVE TODAY'S ENERGY FOR TOMORROW

LifePo4 Battery

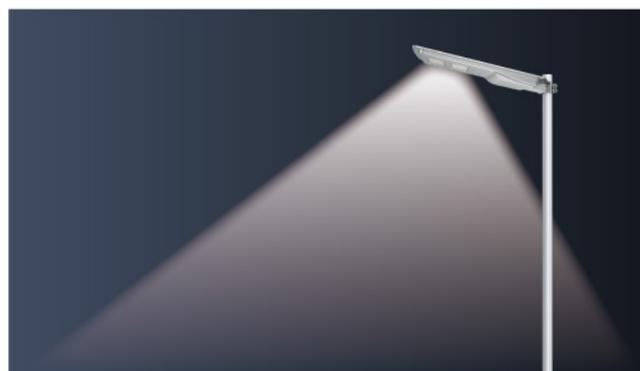100% new battery cells, long lifetime

Mono Solar Panel

23% photoelectric conversion efficiency

PIR Sensor

More than 8m sensing distance

Magnet switch

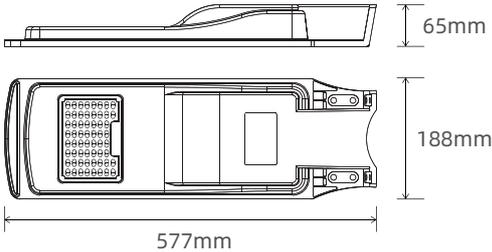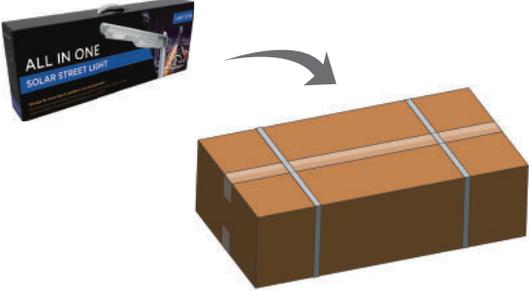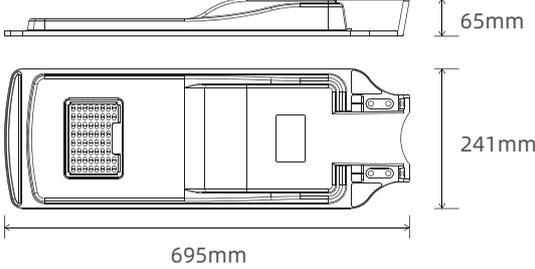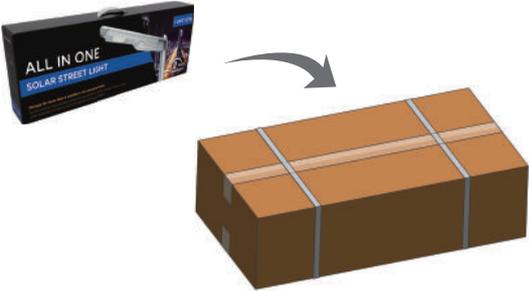Reduce power consumption when stored for a long time

Product Information

Model No	ZGSM-PV4-10	ZGSM-PV4-20	ZGSM-PV4-30	ZGSM-PV4-50
Efficiency	200LM /W	200LM /W	200LM /W	200LM /W
Lumen	2000LM	4000LM	6000LM	10000LM
PV module	Monocrystalline 12W	Monocrystalline 22W	Monocrystalline 35W	Monocrystalline 55W
Battery	LiFePo4 64WH	LiFePo4 128WH	LiFePo4 192WH	LiFePo4 268WH
Installation Height	3-5m	4-6m	5-7m	6-8m
LED Chip	High Bright Bridgelux			
CCT	3000-6500K (can be customized)			
Life Span	L70>100, 000 hours			
Working Way	Motion Sensor /Timer			
Charging Mode	PWM			
Light Distributions	Type V			
Working Temperature	-15^{0}C to +70^{0}C			
Pole diameter	40-60mm			
Water Resistance	IP65			
Warranty	2 Years			

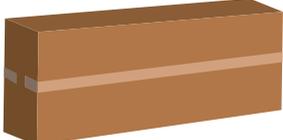## Packing information

Model No	ZGSM-PV4-10	ZGSM-PV4-20	ZGSM-PV4-30	ZGSM-PV4-50
Fixture Dimension(mm)	577 x188 x65	695 x241 x65	835 x277 x67	973 x357 x67
Fixture Weight (Kgs)	2.4	3.6	4.6	6.7
Packing Type	5units /ctn	5units /ctn	1units /ctn	1units /ctn
Inner Box Size (mm)	605 x85 x195	715 x85 x250	/	/
Outer Box Size (mm)	610 x450 x220	725 x450 x270	890 x320 x115	1030 x400 x115
Unit Weight (kgs)	2.7	4.0	/	/
Gross Weight (Kgs)	14.3	20.9	6.0	8.0

Model		
ZGSM-PV4-10	65mm · 188mm · 577mm	
ZGSM-PV4-20	65mm · 241mm · 695mm	
ZGSM-PV4-30	67mm · 277mm · 835mm	
ZGSM-PV4-50	67mm · 357mm · 973mm	

ZGSM
SAVE TODAY'S ENERGY FOR TOMORROW
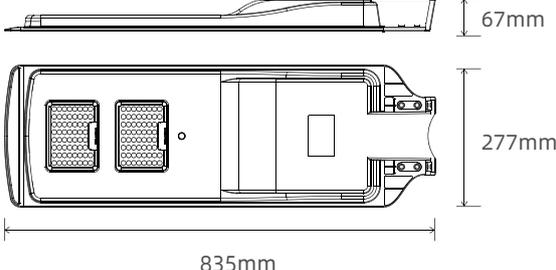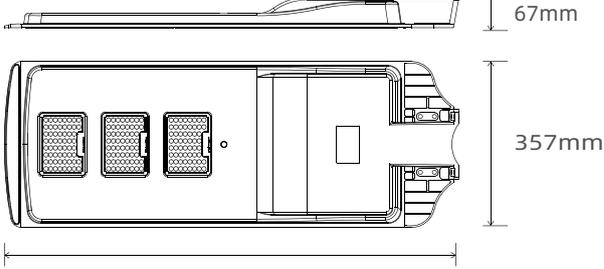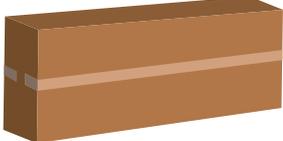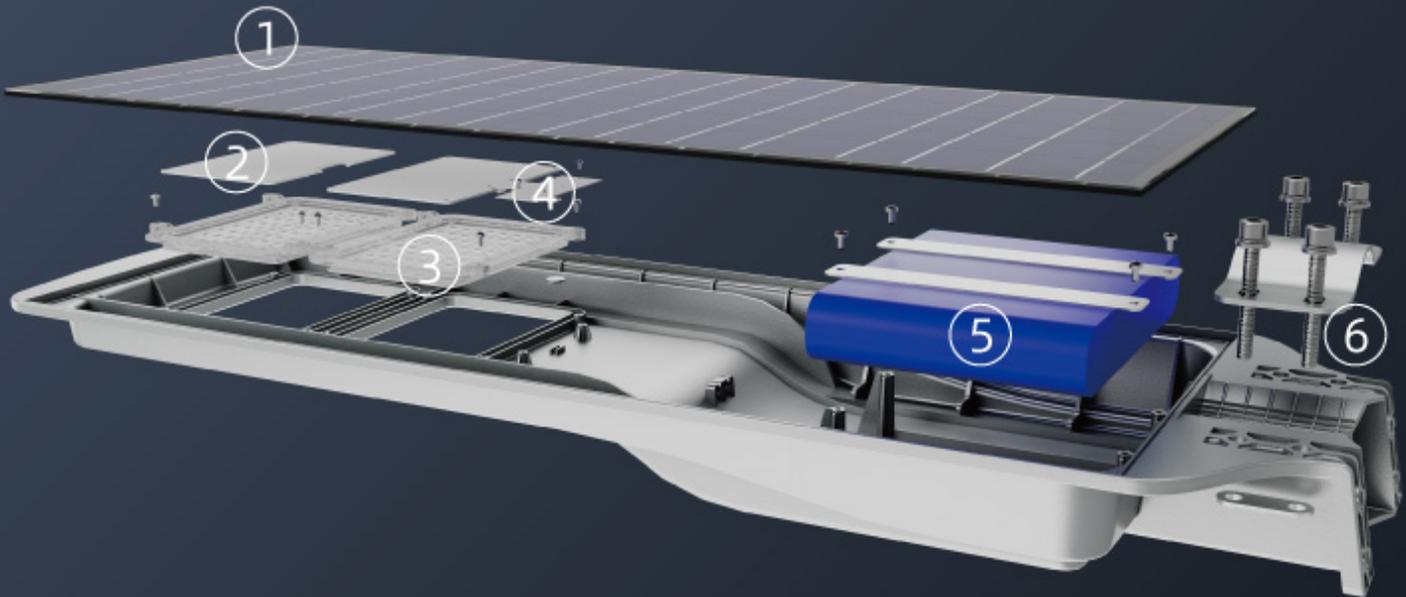
| 1	Solar panel	4	Smart Controller
2	LED light board	5	Battery
3	Optical lens	6	Mounting brackets

ZGSM
SAVE TODAY'S ENERGY FOR TOMORROW

Infrared remote control (Optional)
Remote control distance up to 10 meters.
There are various lighting modes to choose
from. Customers can control the lights on
and off, and can set the brightness, working
hours, etc.

Wireless bluetooth control (default)
Download the App on the mobile phone, connect the
lamp with Bluetooth, and set
the operating mode through the APP, including
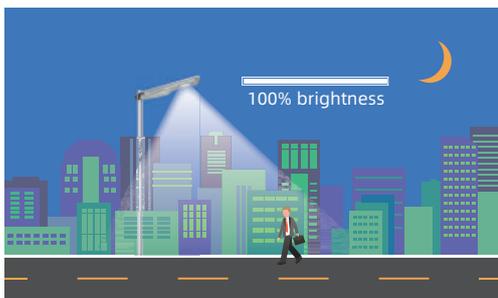induction mode, automatic mode and time control mode

Photometry
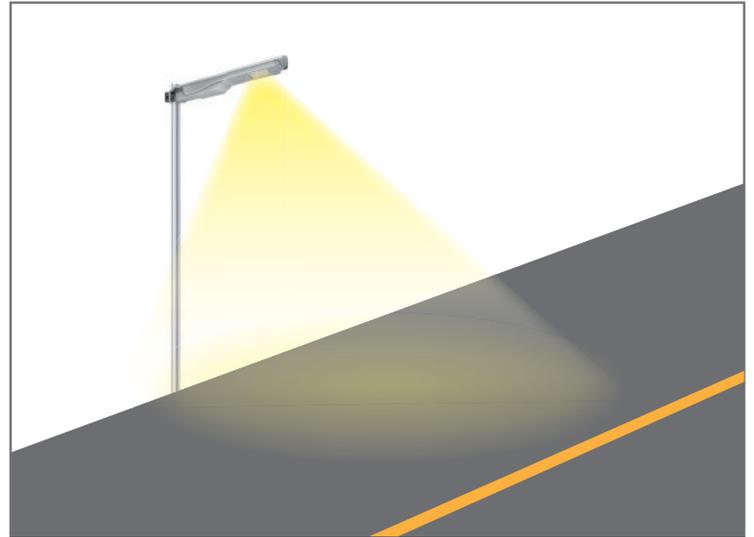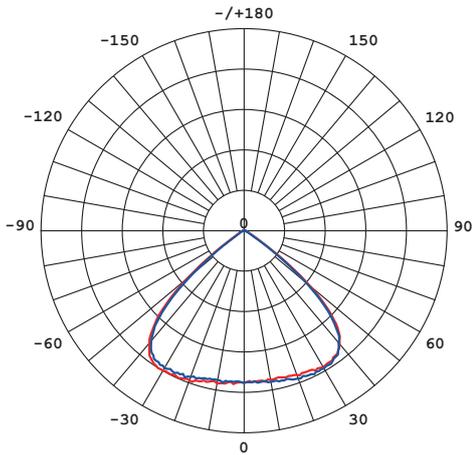
Factory Default setting:

With Sufficient natural light, the light keeps charging.

The light keeps 100% brightness when presence is detected, the induction delay is about 15S.

The light keeps 10% brightness when there is no presence detected.