

# **IZI ARGES 45W**



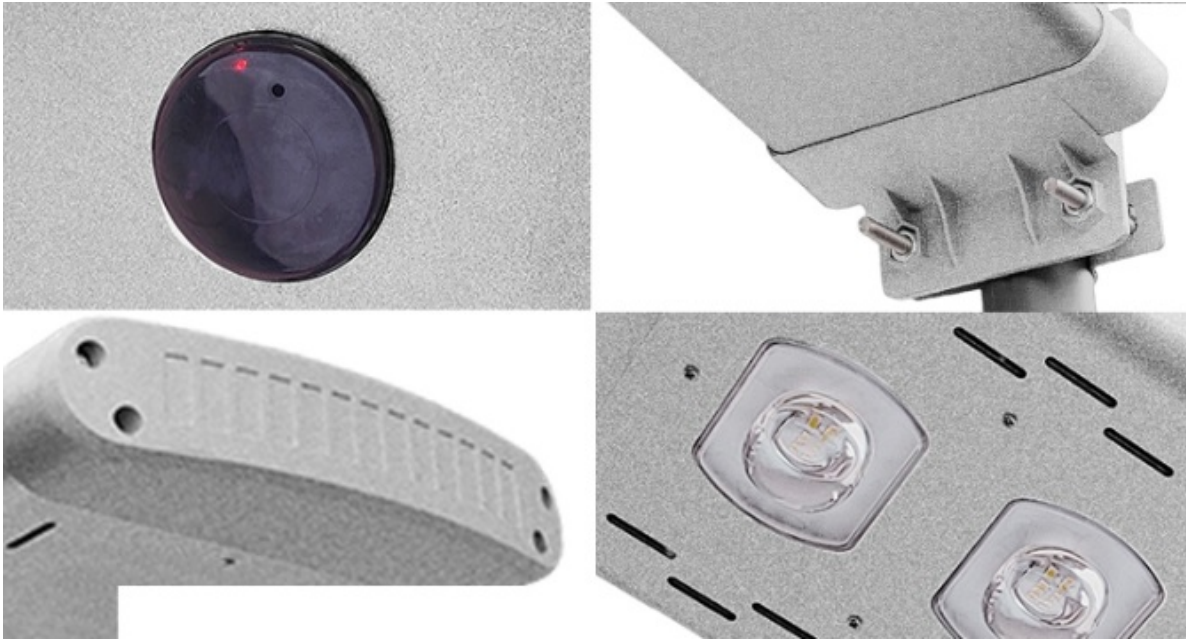
**Introduction:** The IZI ARGES Series solar street light is extremely versatile, robust Solar Street Light. It features all of its components fully integrated within an attractive and compact design. It combines a highly efficient adjustable solar panel with a 'smart' and 'intelligent' charge controller to energize a high capacity lithium-ion battery that supplies power to the Super-Bright Bridgelux LEDs to achieve multiple features such as high luminance, long lifespan, minimal maintenance and easy installation. Exclusive integrated LORA/Zigbee solar LED street light remote monitoring system, monitored by PC or Cellphone APP. Also with self-dimming function to automatically control solar LED lights turning on/off 365 days.

IZI ARGES series solar led street light brings you a easier way to control the outdoor lighting than ever before.

**Application:** Multi options & wide usage: all in one solar street lighting system can be used for a wide range of area lighting.



# **IZI ARGES 45W**



The whole aluminium shell surface is processed with a powder coating, even under taking 500 hours of salt spray, the surface will not oxidize or damage, adapting to inclement external environments.



## **Feature:**

1. All-in-one design: solar panel, lifepo4 battery, LED light, intelligent controller and aluminum case all in one, easy installing, convenient shipping
2. Adopt Bridgelux LED chip and own design lens with 160lm/W, to make sure more bright and wide angle
3. Adopt CATL brand lifepo4 battery cell with more than 10 years lifespan
4. High efficiency MPPT charge controller, with microwave sensor and App control (Lora GPRS/3G/4G communication system is optional)
5. Adopt monocrystalline silicon solar panel, higher charging efficiency
6. Powered by solar energy, supporting to 10 days rainy days

# **IZI ARGES 45W**

## **SPECIFICATIONS**

Model	IZI ARGES 45W
Color Temperature	6,000K Cold White
LED Max Lumen (lm)	4500
Solar Panel	Monocrystalline 22W
Solar Panel Charge Time	7 hours @ full sun
Remote Control	Included
Remote Control Batteries	2x AAA
Motion Sensor	Yes
Night Sensor	Yes
Waterproof	IP65
Battery	LiFePO4 lithium battery - 3000 cycles
Battery Specs	3.2V - 134.4Wh
Run Time	3 Full Nights on a single charge
Protections	Over-Charge and Over-Discharge
Working Temperature	-25°C to 65°C (-13°F to 149°F)
Composition	Aluminum Alloy/ABS Case
Mounting	Wall or pole fixtures- Bracket & Bolts included
Install Height	4 – 6 Meters (13.12 – 19.69 feet)
Dimensions (LxWxH)	118 x 23 x 15 (cm)
Gross Weight	8.9 Kg
Warranty	2 year
Certifications	CE, RoHS, FCC, BV, and BSCI approved



# **IZI ARGES 45W**

## **REMOTE CONTROL MODES**

Light control:

50% brightness whole night (12 hours)

**T:** Timing control: (12 hours)

70% 180min

50% 180min

30% 360min

**M:** Microwave control: (12 hours)

100% for 10 second with people + 30% without people 120min

70% for 10 second with people + 20% without people 180min + 50% for 10 second with people + 10% without people 420min

**U:** Timing&microwave control (12 hours)

80% 120min

60% 180min

50% people 20% without people 420min

**Demo:** 0%-20%-40%-60%-80%-100%, pressing Demo button one time, power will up 20% each time, after one minute, it will back to original status. If pressing four times, power at 80%, then turn off--on the lamp, it will start from 80% when press Demo button. It can remember your previous operation and operate as last time.

**L mode** for 50% constant brightness all night (12 hours).