

# IZI ATLAS 40W – 60W – 80W

10 Rainy Days Still Lighting



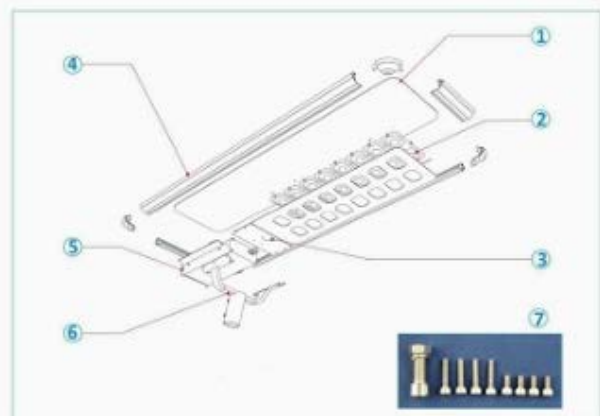
## Introduction:

The IZI ATLAS 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. If you choose to use the IOT solar street lighting system with Lora controller and wireless concentrator, clients can wireless monitor led lamp working status and parameters, Map position, historical records, blocking alarming, ect on computer or mobile.

DJ-X 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.

## Product View



- 1 Solar Panel
- 2 LED Light Module
- 3 Motion Sensor
- 4 Lamp Body Aluminum Frame
- 5 Separated Lithium Ion Battery Box
- 6 Fixed Bracket
- 7 Screws And Accessories

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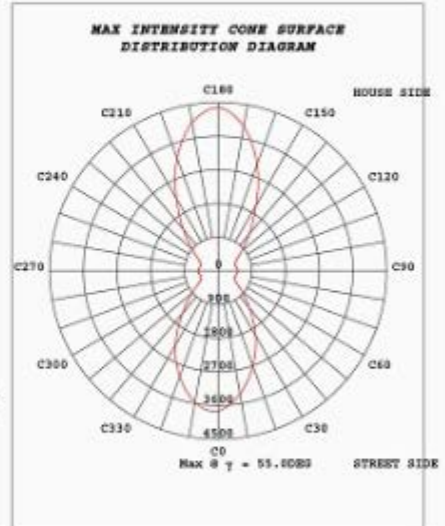
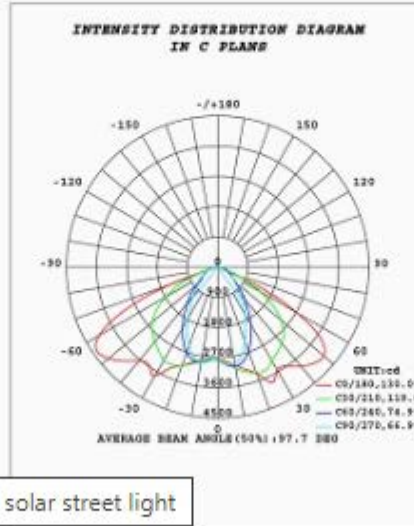
## Main Features:

1. Long lifespan CATL LiFePO4 battery and high security--3000 life cycles (8-10 years), LiFePO4 safer than Li-ion battery.No explosion and fire.
2. High quality LED Chip 160 lumen/W.
3. Lighting time: 10 Cloudy /rainy days still lighting
4. High quality die-cast aluminum: ultra-thin to anti-wind level: 70m/sec
5. Detachable Design ---Save after-services costs 30%, because Battery pack, LED panel, Solar panel are all separated , no need all to take away from pole, easily assemble and maintain.
6. 3 types of lighting mode which is set according to most customers feedback.
7. Working time: 12 hours/day, light+time+microwavse sensor control

Model		IziAtlas 20W	IziAtlas 30W	IziAtlas 40W	IziAtlas 60W	IziAtlas 80W	IziAtlas 100W
Mono Solar Panel	Efficiency	>18%					
	Life	25Years					
Led Light	Power	N/A 20W	N/A 30W	40W	60W	80W	N/A100W
	Color Temp.	3500-6500K					
	Led Chip	bridgelux					
	Luminums Flux(lm)	140lm/w-160lm/w					
		2800-3200	4200-4800	5600-6400	8400-9600	11200-12800	14000-16000
Life	≥50000hrs						
CATL LiFePO4 Battery Life Cycle		>3000Cycles					
Intelligent Controller		MPPT Charging, Microwave Sensor					
Working Teme		12 hours/day, light+time+microwaves sensor control					
Charging Temp.		0°C~60°C					
Discharging Temp.		-20°C~60°C					
Storage Temp.		0°C~45°C					
Height Of Pole		3-4M	4-5M	5-6M	6-7M	7-8M	8-9M
Distance Of Pole		<15M	<20M	<20M	<20M	<25M	<25M
Products Size:		700*381*85	830*381*85	937*381*85	937*381*85	1172*381*85	1455*381*85
Gross Weight		7.0kg	11.5kg	13.0kg	14.5kg	18.0kg	22.5kg
Pole Diameter		50-60mm					

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Bridgelux High Efficiency LED Chip LED Luminous Efficiency: 160 lm/w

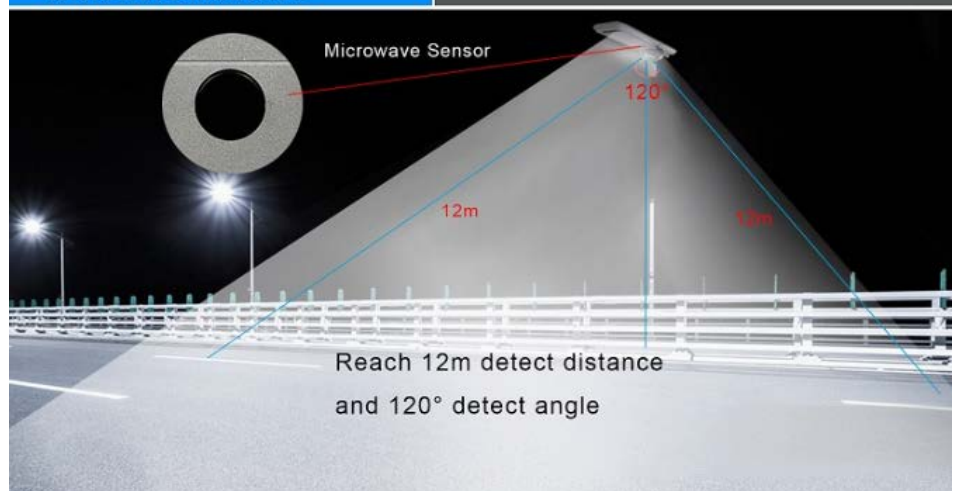


led solar street light

## Lifepo4 Battery



## Microwave Induction



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## 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).

