



LED ALL IN ONE INTEGRATED SOLAR STREET LAMP (ISL)



All In One integrated solar streetlight: is combined by solar panel, battery, controller, Led all together in one body housing. Powered by solar energy, easy to install and maintain, all in one integrated solar streetlight has widely used for application like community park, urban road villa, garden, car park, factory, walkway, residential lighting and etc.

Suitable height: 6 to 12 meter

Product Features and Advantages.

- **Integrated design:** battery , controller and Led Lamp all in one body housing.
- **Aluminum Alloy Fitting** good dissipating material perfectly solve the thermal problem with the minimum weight and significantly expand the lifespan of the lighting source
- **Sturdy and Durable:** Aluminum Alloy Fitting has surface anodic oxidation process, getting a protective shield and greatly enhance the stain resistance. Its cover is resistance to high heat, anti-aging and lasting brightness, therefore is widely used at outdoor.
- **Three Smart Mode:** PIR sensor / Time control, / PIR + Time control.
- **Waterproof IP65:** The silicone circle sealing technology and waterproof IP65 can completely prevent dusts and water in rainstorm.
- **Battery :** Use high performance Lithium iron phosphate battery (LiFePO4)
- **Led Source:** High brightness LED chips from Bridgelux USA.
- **Solar Panel:** Monocrystalline Silicon Solar Cell.
- **Adjustable arm:** Range $90^{\circ} \pm 20^{\circ}$ according to the local sunlight environment.

Remarks:

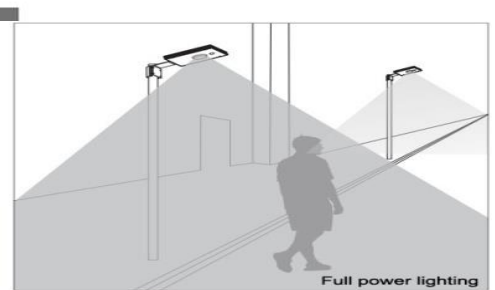
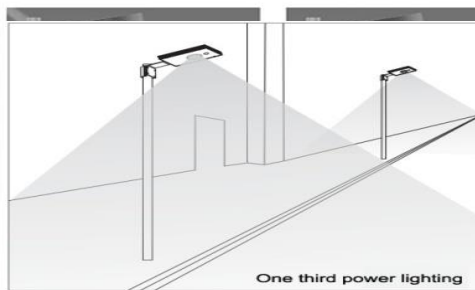
Detail and specification are current at the time of publication but may be changed without prior notice

Model & Specification

Model	EGE-ISL-240-60	EGE-ISL-250-80	EGE-ISL-260-90	EGE-ISL-280-110	EGE-ISL-2100-120	EGE-ISL-2120-130
Light Power (LED)	40W	50W	60W	80W	100W	120W
Solar Panel	18V / 60W	18V / 80W	18V / 90W	18V / 110W	18V / 120W	18V / 130W
Battery	12.8V 24Ah	12.8V 36Ah	12.8V 42Ah	12.8V 44Ah	12.8V 66Ah	12.8V 76Ah
Lamp Luminous	140 LM/W					
Luminous Flux	4800LM	7000LM	8400LM	11200LM	14400LM	16800LM
Charge Time						
Discharge Time	Full Power 10 ~ 12 Hours Saving Mode 4 ~ 5 Days					
Color Temp	3000K, 4000K, 5000K.					
LED Source	Bridgelux					
IP Rating	IP 65					
Beam Angle	120°					
Socket Diameter	≤ 60mm					
Lifespan	≥ 50000 Hours					
Certification	CE, EMC, LVD, RoHS,					
Material	Aluminum Alloy and ASA / PC (Aluminum Alloy #6063)					
Dimension (MM)	1120*305*140mm	1120*440*140mm	1120*440*140mm		1270*540*150mm	
Weight	14.8KG	19.0KG			29.8KG	
Install Height	6 ~ 7 M	8 ~ 10 M			11 ~ 12 M	

Working Mode: PIR Motion Sensor

1. Full Power Light: In full power mode, duration light up back up time is 10 to 12 hours.
2. Saving Mode: In any motion around sensor detection range, the light will be full power of brightness and when no motion at sensor detection range light will turn to saving mode with 30% brightness.
3. Sensor detection Height: Max 12 meter.



Timer Control Mode

1. Full Power Light: Preset in full power mode and brightness for the timing require by user.
2. Saving Mode: Preset in saving mode 30% or 50% brightness for the timing as require by user.



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