Econ All IN ONE INTEGRATED SOLAR STREET LAMP

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: 4 to 10 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:** Motion Sensor / 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。

➢**Led Source:** High brightness LED chips from Bridgelux USA.

➢**Solar Panel:** Monocrystalline Silicon Solar Cell.

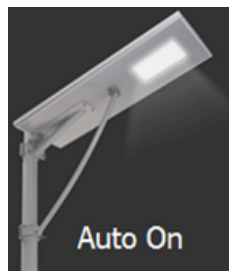➢**Adjustable arm:** Range $90°$ $±45°$ according to the local sunlight environment.

Model & Specification

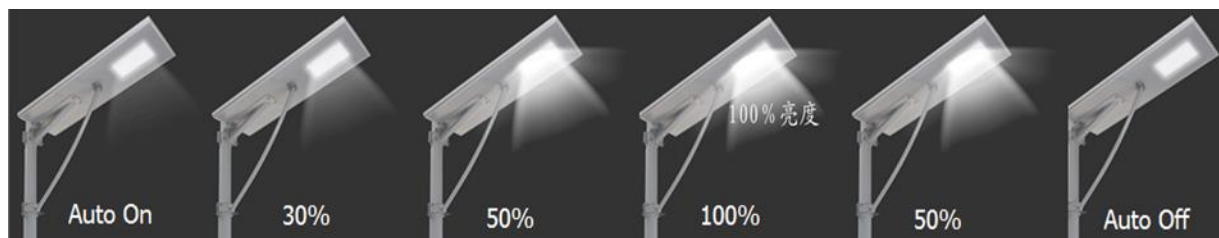| Model	EGE-0310B40-ALT	EGE-0310C60-ALT	EGE-0310D100-ALT	EGE-0310E150-ALT
Light Power (LED)	40W	60W	100W	150W
Solar Panel	16V / 29W	16V / 36W	16V / 48W	18.0 / 85W
Battery	12.8V 18.0AH	12.8 24AH	12.8V 63AH	12.8V 54AH
Lamp Luminous	100 LM/W			
Luminous Flux	4000 LM	6000 LM	10000 LM	15000 LM
Charge Time	≥ 6 Hours			
Discharge Time	Full Power ≤ 10 Hours			
	Saving Mode ≤ 36 Hours			
Intelligent Mode	Timer / Sensor			
Color Temp	3000K, 4000K, 5000K.			
IP Rating	IP 65			
Beam Angle	70° X 140°			
Socket Diameter	≤ 62.5MM			
LED Lifespan	≥ 50000 Hours			
Certification	CE, EMC, LVD, RoHS,			
Material	Aluminum Alloy and ASA / PC (Aluminum Alloy #6063)			
Dimension (MM)	650*340*85	860*360*85	890*360*125	1063*401*133
Weight	7.8.0KG	9.2.0KG	12.6KG	19.8KG
Install Height	4~ 6 M	6~ 8 M	8 ~ 10 M	10 ~15M

Working Mode: PIR Motion Sensor

1. Full Power Light: In full power mode, duration light up back up time is ≤ 8 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 15 meter.

auto OFF   Auto On   one third power lighting   full power lighting

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 100% (1 Hours) 70% (2 Hours) 50% (2 Hours) 40% (3 hours) 20% (4 hours)
                        brightness for the timing as require by user.

Auto On   30%   50%   100%亮度 100%   50%   Auto Off