

## Integrated Solar Led Streetlight



The Integrated Solar Streetlight systems combines three major green energy components; the solar photovoltaic module, the energy efficient LED lamp and the 100% eco- friendly Lithium Rechargeable battery into a compact & lightweight package. The system comes equipped with built-in intelligence algorithm complemented by proximity motion sensor to determine the most optimum light intensity levels at any given time during operation. Its unique one-piece and lightweight design approach enhances ease of installation in addition to cutting down logistical costs.

### Applications

Suitable for residential areas, gardens, parks, courtyards, jetties, office or factory building compounds, plantations, mining areas, car parks, remote islands and other outdoor areas that are without grid electricity supply.

### Features

- Easy to install all-in-one fully integrated system.
- Auto turn ON at dusk & OFF at dawn.
- Built-in intelligence pairing with PIR sensor to optimize light intensity level & battery drain.
- Maintenance free, long life span, & eco-friendly Lithium battery.

100%  
Eco-  
friendly

Lithium  
Battery

LED  
>50000  
hours

Small &  
light  
weight

MODEL MYLED-ENSH		12W18V18W	20W18V40W	30W18V60W	40W18V60W	60W18V80W
Solar Panel	Peak Power	18V, 18W	18V, 40W	18V, 60W	18V, 60W	18V 80W
	Life span	25 Years				
Battery	Type	LiFePO4 (5 years life span)				
	capacity	12.8V, 6Ah	12.8V, 20Ah	12.8V, 24Ah	12.8V, 27Ah	12.8V, 33Ah
LED Lamp	Max Power	12W	20W	30W	40W	60W
	LED Brand	Bridgelux USA				
	Lumen (Lm)	1200~1320	2000~2200	3000~3300	4000~4400	6000~6600
	Beam Angle	120o				80o X 120o
	Life Span	50,000 hours				
Color Temp CCT		6000~6500K				
Discharge Time	Full Power	>12 hours				
	Dim Mode	>30 hours				
Charging Time		6~7 hours by full sunlight				
Operating Temp (Co)		-30oC ~ +60oC				
Mounting Height (m)		3~4	5~6	7~8	7~8	7~9
Pole Spacing (m)		8~10	18~20	18~20	18~20	25~30
Material of frame		Aluminum & Steel (IP65 rating)				
Dimension mm (LWH)		540X320X55	940X333X14	1180X333X14	1180X333X14	1200X380X140
Weight		Kg	6.8	16	18	19
Kg						24
Light Distribution Curve (cd)				Dimming Algorithm		
						

