



Integrates Solar Panel, Battery, and LED Light! Simple and Safe Structure

Bringing Light to the world

変革の時代に希望の光を







Emerging countries' infrastructure needs remain important as ever, chief of which is electrification. PRIMESTAR, through the integration of Japanese technology and understanding of local priorities, is the smart solution you're looking for.



Stand-alone solar LED street lights

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Product Features

- 1.Clean energy with zero power consumption
- 2.Long life and high performance achieved throughrigorous quality control
- 3. No need for wiring work Simple installation, ready for immediate use; perfect for locations without a power supply
- 4.Enhances local security Install as security lighting or emergency lighting during power outages
- 5. Does not attract insects

Passive Infrared Motion Sensor

When the motion sensor detects motion, the light illuminates at 100%, and when motion is not detected in the illuminated area, the light is reduced to 30% to save energy.

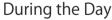






Motion Sensor Passive Infrared Motion Sensor







After Sundown

Automatic Lighting System

The light turns on and off automatically. When the sun goes down, charging from the solar panel stops and the light turns on. When the sun comes up, the solar panel begins generating power and the light turns off.

TAIYO Solar LED Street Light (12 W)/Model KY-S18T12A-L12

Color nanol	Maximum output	18 V, 18 W (high-efficiency single-crystal silicon)	
Solar panel	Product life	25 years	
Battery	Type	Lithium-ion battery (12.8 W12 AH)	
	Product life	Degradation calculated to be -40% at 5 years(2,000 times)	
LED lamp with sensor	Power consumption	12 V, 12 W	
	LED element	U.S. BRIDEGELUX	
	Total illumination (lm)	1,200-1,320 lm	
	Product life	50,000 hours	
Charge time	Sunlight	8.5 hours (during sunny weather)	

Possible continuous	Energy-saving mode	27 hours or more	
illumination time	12W ⇔ 3W	Conditions (full 30%, save 70%)	
Operating environment	Temperature (°C)	-30℃ - +70℃	
Light color	Kelvin (k)	6,000 k	
Installation location(height)	height (m)	3-4 m	
Installation spacing(space between lights)	Spacing (m)	8-10 m	
Main materials	Aluminum alloy		
Certifications	FCC / C-TICK / CE / ROHS / IP65		
Warranty period	2 years		
Due do est disease el con-	540×320×55mm		
Product dimensions	5.8 kg		

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