

**No wiring**  
(easy installment)



Stand-alone solar LED street lights

# TAIYO



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.



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## Product Features

1. Clean energy with zero power consumption
2. Long life and high performance achieved through rigorous 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.



Passive Infrared Motion Sensor

Motion Sensor



During the Day



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

Solar panel	Maximum output	18 V, 18 W (high-efficiency single-crystal silicon)
	Product life	25 years
Battery	Type	Lithium-ion battery (12.8 V/12 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. BRIDGELUX
	Total illumination (lm)	1,200-1,320 lm
	Product life	50,000 hours
Charge time	Sunlight	8.5 hours (during sunny weather)

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

# PRIMESTAR CO., LTD

<http://primestar.co.jp/> TEL : 03-6869-6606

FAX : 03-6869-6607 EMAIL : info@primestar.co.jp

7F, Akasaka Subaru Building, 5-5-9, Akasaka, Tokyo, Japan (1F Showroom)

