

# Self-Powered Pole Street Light

Maintenance-free, next generation self-powered pole street light, works by solar sheet (model: CG1001) and batteries (model: IP1001).



Wind resistant



Maintenance free



Not required grid system



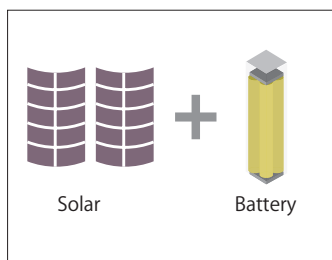
Body color option



Grain pattern Earth green

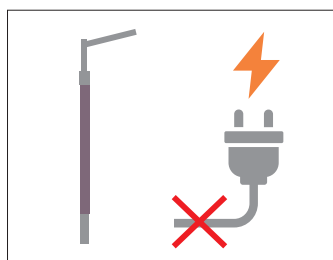
## Features

- The completely independent generation pole combined with a solar sheet.
- Battery units are placed inside the pole. Max. 1056Wh capacities.
- The battery (model IP1001) is safe and maintenance free.
- The wind resistant is maximum 60 m/s by Japanese standard installation.
- Pole will be the independent power source to apply the LED light, security cameras, or Wi-Fi routers. (Custom order)
- Three type body color, Silver, Grain pattern, and Earth green.



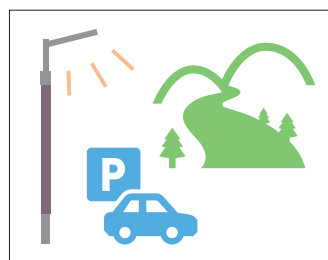
### High efficiency and safety

High efficiency solar sheet (model CG1001) and high safety battery (model IP1001) are used.



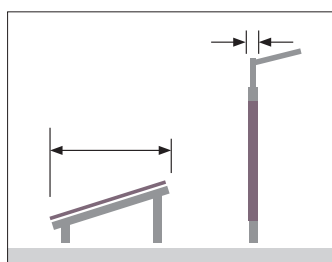
### Not required grid system

The independent power source without grid system or electrical work.



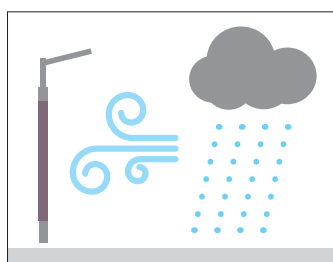
### Bright LED light

Make the place safe with LED light, where are difficult to reach the grid system.



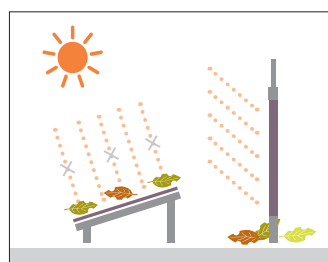
### Saving the space

No flat solar panels or battery boxes. This design helps saving space.



### Strong wind resistant




The pole without cable is able to resist the strong wind such as typhoon, hurricane, and cyclone.

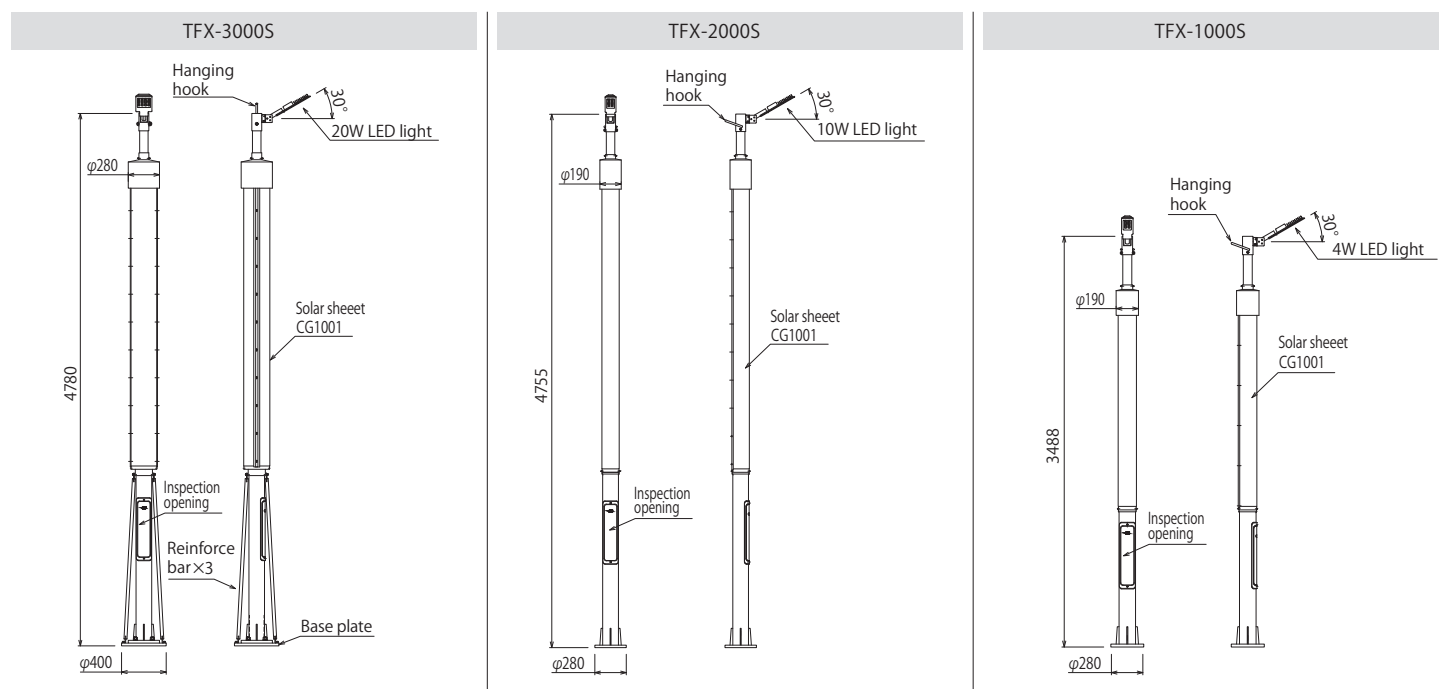


### High generation stability

The vertically generation surface makes high generation stability and long maintenance-free period not to pile up snow or fall leaves.

## Specifications

Model		TFX-3000S	TFX-2000S	TFX-1000S
Product appearance				
Solar	Material	Model:CG1001		
	Maximum output (P Max)	250W	125W	80W
	Water proof properties	IP65		
Battery	Material	Model:IP1001		
	Capacity	1024Wh	512Wh	256Wh
	Water proof properties	IP65		
Body	Color	S: Silver, M: Grain pattern, G: Earth green		
	Dimensions (mm)	$\phi 280 \times L4780$	$\phi 190 \times L4755$	$\phi 190 \times L3488$
	Weight (kg)	150	120	90
	Material (Surface finishing)	Steel pipe Hot-dip galvanization		
	Operation temperature	$-10^{\circ}\text{C} \sim +45^{\circ}\text{C}$		
	Wind resistant (Wind Speed)	60m/s(with Japanese standard installation)		
	Installation	Base plate type		
LED light	Power Consumption (W)	20W	10W	4W
	Color Temperature (K)	6000~6500		
	Luminous flux (LM)	1456	1200	400
	Color rendering index	$Ra > 70$		



# OSI CO., LTD.

20th Floor, Wah Hing Commercial Building, 283 Lockhart Road, Wanchai, Hong Kong

<https://hk.os-worldwide.com/> [info-hk@os-worldwide.com](mailto:info-hk@os-worldwide.com)

This catalog is current as of March 2021.

Please note that the product colors appearing in this catalog may differ from the actual item due to the properties of the printing process.

Product specifications are subject to change without notice.

OSI CO., LTD.