

SP-CPKL-B

Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lighting

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.



The design of solar street light / courtyard light absorbs energy from the universe, and combines it with high efficiency solar panel, LEDs, and Lithium battery. It adopts advantage technics such as micro-controller, human infrared sensor and so on and combines with integrated design to achieve multiple features such as low power consumption but high brightness, long lifespan and maintenance free, meanwhile with waterproof function and great thermal dissipation. The intelligent control can be reprogrammed from the ground with an infrared before and after install. It is one of our great innovation patented products.



Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 50W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO4	Up to 24AH
LED Light Parameters	Light Source Power	Up to 15W (Up to 3,000 lm)
	CCT (Correlated color temperature)	3,000K/6,000K
	Dual CCT (Can change by push button)	
	CRI (Color rendering index)	≥82
Working Mode	Dust to dawn; first 4hrs-100% output; then dim on 25% output till dawn. **Programmable, depend on solar radiation.	
IP Rating	IP65	
Material	Aluminum Die-casting	
Product size	5W/8W- L11.8''*W6.2''*H3.5''	
	10W/15W- L21.6''*W6.2''*H3.5''	

USES AND APPLICATIONS GUIDE

Warehouses

Tents



Kiosks

Key features:

- Low installation and maintenance costs.
- IP65 Rating.
- High performance with 200lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 hours at maximum output.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical applications.
- Aluminum housing for efficient heat dissipation

ORDERING GUIDE

Ordering Guide: SP-CPKL-B-25W-5W/8W-3-30K -12AH-BLK

Model	Solar panel type	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color
SP-CPKL-B	A- Bifacial panel 	25W	5W/8W	3- Type III	30K	12AH	BLK- Black
	B- Flexible panel 	50W	10W/15W		40K	24AH	
					50K		
					60K		

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