

HIGHLIGHT SPFS

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 Lightning

We designs and install solar-powered lightning systems tailored for all kind 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 providing significant energy and cost saving.

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.



SPFS Series Smart All In One Solar Street Light through innovative design, the real realization of the integrated solar street light definition. SolarPaths's well-built, modern high- end, compact all feature flagship product.

All In One(integration) design solar light put all core parts and smart motion sensor in one kit, to be used for parks, streets, parking lot.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	250W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 36AH
LED Light Parameters	Light Source Power	Up to 120W (Up to 21,600 lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	CRI (Color rendering index)	<u>>75</u>
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Working Mode	100%-6hrs, 50%-6hrs. 50%-1hr, 100%-4hrs, 50%-3hr, 25%-4hrs. 100%-2hrs, 70%-2hrs, 20%-8hrs. - Always 30% dim, motion sensor trigger jump to 100% for 2 minutes. 100%-2hrs, 70%-2hrs, 50%-2hrs, then 20% dim, when motion sensor trigger the light jump to 50% for 2 minutes. * Operation profile above are active depending to the solar radiation in the installation location, please consult with one of Solarpath representative.	
IP Rating	IP66	
Motion Sensor	PIR/ Microwave Optional	
Material	Aluminum Die-casting	
Extended Application	Wireless Remote controller	
Optional	GPRS Integrated Management System(Remote control and monitoring)	

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE	
Streets Lighting	V
Parking Lots	V
Residential Roads	V
Public Parks	V
Sports Lighting	V

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SPFS-50W-15W-2-35K-21AH-WH-00

Model	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Body Color	Options
SPFS	50W	15W	2 – Type II	35K	21AH	WH – White	00 – No motion sensor
	60W	20W		40K	24AH	*SI – Silver	01- Motion Sensor
	70W	30W		50K	27AH	*BK – Black	
	80W	40W		60K	30AH	*Min 20 pcs	
	100W	50W			36AH		
	120W	60W					
	160W	80W					
	200W	100W					
	250W	120W					



*Up on request

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