

HIGHLIGHT SPSF 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.



SPSF 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	400W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 54AH
LED Light Parameters	Light Source Power	Up to 180W (Up to 32,400 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	
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Parking Lots	V
Residential Roads	V
Public Parks	V
Sports Lighting	V

ORDERING GUIDE

Ordering Guide: HIGHLIGHT SPSF-A-50W-15W-2-30K-15AH-WH-1-00

Model	Solar Panel Qty	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Body Color	Arm	Options
SPSF	A – 1	50W	15W	2 – Type II	30K	15AH	WH - White	1 – Single	00 – No Motion sensor
	B - 2	60W	20W	3 – Type III	40K	18AH	*SI - Silver	2 - Double	01 -Motion sensor
		70W	30W	4 – Type IV	50K	21AH	*BK - Black		
		80W	40W		65K	24AH	*Min 20 pcs		
		100W	50W			27AH			
		120W	60W			33AH			
		150W	80W			36AH			
		180W	100W			42AH			
		200W	120W			54AH			
		260W	150W						
		300W	180W						
		360W							
		400W							

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