

# HIGHLIGHT SPFS-SC

## 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-SC Series Smart All In One Solar Street Light with inbuilt CCTV and LED running on solar and an inbuilt dimmer , 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	Up to 180W
	Adjustable Angle	270° Adjustable head
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 998WH
LED Light Parameters	Light Source Power	Up to 60W (Up to 9,600 lm)
	CCT (Correlated color temperature)	6,000K
	CRI (Color rendering index)	<u>≥75</u>
Detector (Motion Sensor)	Microwave Detection (By Radar)	
Detection Distance	<u>&lt;49FT</u>	
WIFI Camera Parameters	<ul style="list-style-type: none"> <li>2.0MP 1920x1280 HD 4G PTZ Dome</li> <li>5 x optical zoom (0.10-0.53 inch optical motorized lens), Infrared night vision up to 196.85-262.46ft</li> <li>Two –way audio, two-way talk with HiFI Quality</li> <li>Motion detection alarm from your smartphone</li> <li>Support 128GB Micro SD card for footage recording</li> <li>Access through user-friendly APP(Android &amp; IOS) or PC version</li> <li>IP65 waterproof weather resistant</li> </ul>	
Control Modes	1.Light control 2. Timing control 3. Microwave control 4. Timing + Microwave control	
Working Mode	<u>Depend on solar radiation</u> 1.100%-2hr, 70%-2hr, 20% till dawn. 2.50%-1hr, 100%-4hr, 50%-3hr, 25%-4hr. 3.100%-6hr, 50%-6hr. 4.Always 30% dim, motion sensor trigger jump to 100% for 2 minutes. 5.Always 20% dim, motion sensor trigger jump to 100% for 2 minutes.	
Installation Recommendation	Mounting Height Range	Up to 29FT
	Installation Distance Range	Up to 98FT
	Pole Upper diameter	2.99in
Lighting Material	Die-casting Aluminum, anti-corrosion	
Extended Application	Wireless Remote controller	
	GPRS Integrated Management System( Remote control and monitoring)	

## SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE	
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## ORDERING GUIDE

Ordering Guide: SPFS-SC-150W-40W-2-60K-768WH-WH-01-SC

Model	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options	Body Color	Options
SPFS-SC	150W	40W	2 – Type II	60K	768WH	WH – White	<b>01</b> – motion sensor
	180W	60W			998WH		<b>SC</b> -Security camera

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