

HIGHLIGHT SP-PSGL 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 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.



The SolarPath HIGHLIGHT SP-PSGL is the premier LED solar illumination technology in its class today. Ultra-bright/High Intensity LED lighting means a total lighting solution for any need. The solar panel is wrapped and can be installed on a new or an existing pole. It is new technology. This product has both a solar engine and a LED light. The battery and controller are inside pole which allow this product to be used for, roads, parking lot, pathway, etc. The lighting fixture can be used up to 60W and can be controlled via remote control.

Technical specification

Solar Module Parameters	Type	Monocrystalline silicon
	Power	Up to 360W(4x45W Solar panel on top of the light)
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 72AH
LED Light Parameters	Light Source Power	60W (Up to 10,800 lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	Distribution Type	Type II, III
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Operation profile	Depend on installation area, can be programmed with remote control	
IP/IK Rating	IP66/IK10	
Operation Temperature	-4°F~131°F	
Pole Height	Up to 19FT	

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Streets Lighting	V
Parking Lots	V
Residential Roads	V
Public Parks	V
Walking/bike path	V

ORDERING GUIDE

Ordering Guide: EXAMPLE: SPSTLH-A-60W-30W-3-30K-30AH-GR-16FT-1-00

Model	Solar Panel Qty.	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	LED Body Color	Pole Height	Arm	Option
HIGHLIGHT SP-PSGL	A – 1 panel	180W	10W	2 – Type II	30K	30AH	GR- Grey	16FT	1 – Single arm	00- Without motion sensor
	B – 2 panels		20W	3 – Type III	40K	60AH		20FT	2 – Dual arm	01- With motion sensor
	C – 3 panels		30W		50K	100AH		25FT		
			40W		57K	120AH		30FT		
			50W			150AH				
			60W							

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Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



contact@solarpathusa.com



www.solarpathusa.com