



The SolarPath SP-SBPS™ is the most advanced and sophisticated solar light pole available on the market. The solar light pole is completely off-grid and works autonomously, using sustainable solar power. This means there is no need for expensive cabling and invasive trenching, which results in fast installation, easy operation and a low total cost of ownership. The curved vertically integrated solar panels are wind-resistant and self-cleaning, as dirt and dust cannot stick on the design. Solar energy generated during the day is stored in high-quality lithium batteries, which are long-lasting and require minimum maintenance. The highly-efficient LED-luminaire provides powerful lighting at night.

Key features

- Low installation and maintenance costs.
- Weather-proof and UV- proof.
- IP Rating IP65
- High LED performance
- Battery inside pole.
- Wind- resistant and self cleaning.
- Controller: MPPT time control, anti-overcharge and short-circuit resistance.
- Aluminum pole (steel pole optional).

Technical Specifications

Solar Module Parameters	Type	Mono solar panel
	Power	125W
Solar Charge Controller Parameters	Type	MPPT
	Battery type and parameters	LifePO4
LED Light Parameters	Light Source Power	Up to 20W
	Brightness	Up to 2,400 lm
	CCT (Correlated Color Temperature)	3,000K–6,000K
Operation profile	Programmable, depend on solar radiation.	
Operation Temperature	-4°F–140°F	
Pole Height	Up to 10 Ft	

Uses and Applications Guide

Streets lighting	●
Parking lots	●
Walking/bike path	●
Branch roads	●
Residential roads	●
Public parks	●

Ordering Guide: EXAMPLE: SP-SBPS-100W-20W-5-30K—25AH-GR-5FT-00

Model	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery capacity	LED Body color	Pole Height	Options
SP-SBPS	60W 80W 100W 125W	10W 15W 20W	5 – Type V	30K 40K 50K 60K	15AH 20AH 25AH	GR- Grey	5FT 6.5FT 10FT *customize	00 – No motion sensor 01 – With motion sensor



*Up on request