SolarPath™ sun solutions

The SolarPath HIGHLIGHT SPWSPL™ 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 on the LED head which allow this product to be used for, roads, parking lot, pathway, etc. The lighting fixture can be used up to 80W and can be controlled via remote control.
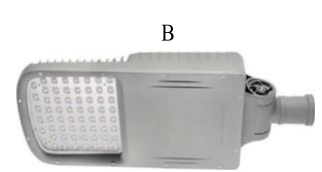
Technical Specifications

Key features

- Can be installed on existing pole.
- Low installation and maintenance costs.
- Folding solar panel.
- IP 67 Rating.
- Solar powered outdoor lighting.
- Battery, solar controller are built inside of light.
- Good appearance, small size and lightweight, easy to install.
- Rust-proof, dustproof and waterproof.
- Energy saving 100% generated from solar less power consumption than traditional.

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 720W
Solar Charge Controller Parameters	Type	MPPT (Maximum Power Point Tracking), infrared solar charging controller
Battery options	LifePO4	Up to 54AH
LED Light Parameters	Light Source Power	Up to 100W
	Lamp Rated Total Luminous Flux	A – 1W/140lm
		B – 1W/130lm
	CCT (Correlated Color Temperature)	3,000K-6,000K
	Color Rendering Index (CRI)	≥81
	Light Control Voltage	36VDC
Control Modes		Manual ON/OFF / Automatically ON/OFF / Time Control
Operation mode		Depend on installation area, can be programed with remote control,
Lighting Material		Die-casting Aluminum
Extended Application		Wireless Remote controller
Optional		GPRS Integrated Management System (Remote control and monitoring)
Product size	light body	31.4 * 12.2 * 4.5 (inch)
	solar panel	Depend On Solar Panel wattage
Net weight	light body	Depend On LED power
	solar panel	Depend On Solar Panel Wattage

Uses and Applications Guide

Streets lighting	●
Parking lots	●
Residential roads	●
Public parks	●
Sports lighting	●

A

15W-60W

B

20W-100W

Ordering Guide

EXAMPLE: SPWSPL-A-100W-15W-3-30K-12AH-1-GR-00

Model	Solar Panel Quantity	Solar Panel	Led Power		Distribution Type	Led Color Temp	Battery options	Arm	LED Body Color	Motion sensor
			A	B						
SPWSPL	A – 1	100W	15W	20W	3 – Type III	30K	12AH	1 – Single	GR - Grey	00 – no motion sensor
	B – 2	120W	20W	30W		40K	18AH	2 - Double		01 – motion sensor
	C – 3	150W	30W	40W		50K	24AH			*available type A only
	D – 4	180W	40W	50W		60K	30AH			
			50W	60W			36AH			
			60W	80W			42AH			
				100W			48AH			
							54AH			

*Solar Panel dimensions- 100W (38.5 in)
120W (42.5 in)
150W (50.3in)
180W (58.2in)

*Up on request