-HIGHLIGHT SP-WPTC[™]



The SOLARPATH HIGHLIGHT SP-WPTC 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. 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.

Technical Specifications

Solar Module Parameters	Туре	CIGS Amorphous flexible solar panel wrap on pole				
	Power	wer Up to 720W				
Solar Charge Controller Parameters	Туре	МРРТ				
Battery type and parameters	Lithium (NMC)	Up to 150AH				
LED Light Parameters	Light Source Power		Up to 50W			
	Brightness		Up to 6,500 lm			
	CCT (Correlated Color Temperature)		3,000K-6,000K/ Amber			
Operation profile	Dusk to dawn (dim per to solar radiation)					
Operation Temperature	-31°F-122°F					
Height	Customized per to customer requirement					

Advantage

- CIGS Amorphous flexible solar panel wrap on pole
- Maintenance free.
- High LED performance.
- Battery and controller panel are build inside of pole.
- Controller: Optically control. Time control, antiover-discharge and short-circuit resistant.
- Material: Aluminum alloy, steel pole coated with electrostatic spray, anti-salted, anti- acid, weather and rust resistant.
- IP65

Uses and Applications Guide

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





Ordering guide: Example-HIGHLIGHT SP-WPTC-A-80W-20W-4-30K-20AH-XXft-BLK

Model	Solar panel qty.	Solar panel	LED Power	Distribution Type	Color Temp.	Battery capacity	Pole height	Body color
HIGHLIGHT SP- WPTC	A – 1 panel B – 2 panels C – 3 panels D – 4 panels	85W 90W 100W 150W 180W	30W 40W 50W	3 – Type III 5 – Type V	30K 40K 50K 60K Amber	20AH 40AH 60AH 100AH 120AH 150AH	XX FT	BLK-Black GR-Grey *other colors available upon request



*Up on request

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