

HIGHLIGHT NPSL 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

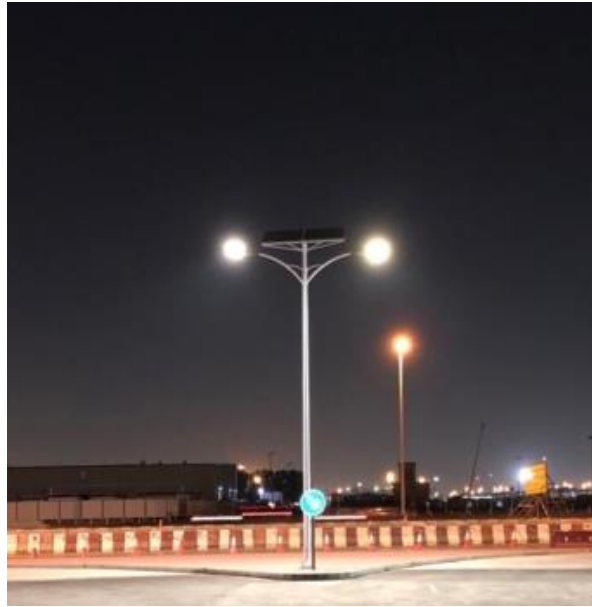
Worldwide success proves our adaptability and regulatory expertise.

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.



The SolarPath HIGHLIGHT NPSL™ 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. This product has both a solar engine and a street light. The HL-NPSL's battery and control is on the LED head which allows this product to be used for parks, roads, path. Once the product is installed, it can be controlled via a remote control.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	450W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 200AH
LED Light Parameters	Light Source Power	Up to 150W (Up to 25,500 lm)
	CCT (Correlated color temperature)	3,000K-6,000K
	CRI (Color rendering index)	<u>>81</u>
Control Modes	Manual ON/OFF / Automatically ON/OFF / Time Control	
Working Mode	Depend on installation area, can be programed with remote control	
IP Rating	IP67	
Motion Sensor	PIR/ Microwave Optional	
Material	Aluminum Die-casting	
Extended Application	Wireless Remote controller	
Optional	GPRS Integrated Management System(Remote control and monitoring)	

Type A



Type B



SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE	
Streets Lighting	V
Parking Lots	V
Residential Roads	V
Public Parks	V
Sports Lighting	V

ORDERING GUIDE

Ordering Guide: NPSL-A-120W-A-30W-1-30K-24AH-1-GR-00

Model	Solar Panel Quantity	Solar Panel	LED Type	Led Power	Distribution Type	Led Color Temp	Battery options	Arm	LED Body color	Motion Sensor
NPSL	A – 1	120W		30W	1 – Type I	30K	24AH	1 – Single	GR - Grey	00 – no motion sensor
	B – 2	150W		50W	2 – Type II	40K	36AH	2 - Double		01 – motion sensor
		200W		60W	3 – Type III	50K	42AH			
		250W		80W	4 – Type IV	60K	60AH			
		260W		100W	5 – Type V		100AH			
		300W	120W	120AH						
		360W	150W							
		450W								



*Up on request

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