

## Technical Specifications

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.

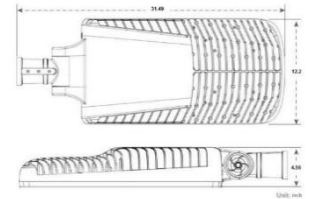
### Key features

- Low installation and maintenance costs.
- IP 67 Rating.
- High LED performance 1W/130lm.
- Light dimming engine.
- Led's operating life time over 150,000 hours at maximum output.
- Dedicated optical lens per LED for enhanced spread and uniformity.
- LED strings shunt protection.
- Ideal for solar or energy saving electrical application.
- Battery enclosure.
- Aluminum housing for efficient heat dissipation
- Approved IDA.
- LM 79/80

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 300W
Solar ChargeController Parameters	Type	MPPT, infrared solar charging controller with infrared remote control.
Battery type and parameters	MnNiCO	Up to 2,160WH
	LifePO4	Up to 1,198WH
LED Light Parameters	Light Source Power	Up to 120W
	Lamp Rated Total Luminous Flux	Up to 15,800lm
	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 profile	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	●
High Speed way	●
Branch roads	●
Residential roads	●
Public parks	●
Sports lighting	●



### Ordering Guide

EXAMPLE: NPSL-A-120W-40W-3-30K-840WH-1-GR

Model	Solar Panel Quantity	Solar Panel	Led Power	Distribution Type	Led Color Temp	Battery options MnNiCO / LifePO4		Arm	LED Body color	Motion Sensor
NPSL	A - 1	120W	40W	1 - Type I	30K	840WH	616WH	1 - Single 2 - Double	GR - Grey	00 - no motion sensor 01 - motion sensor
		150W	50W	2 - Type II	40K	960WH	693WH			
	B - 2	200W	60W	3 - Type III	50K	1080WH	760WH			
		250W	70W	4 - Type IV	60K	1200WH	845WH			
		280W	80W	5 - Type V	1440WH	1014WH				
		300W	90W		2160WH	1198WH				
		100W								
		120W								



\*Up on request

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