

HIGHLIGHT HL-ML-N200

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 Lighting

We design and install solar-powered lighting systems tailored for all kinds 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 provide significant energy and cost savings.

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 design of solar street light / courtyard light absorbs energy from the universe, and combines it with high efficiency solar panel, LEDs, and Lithium battery. It adopts advantage technics such as micro-controller, human infrared sensor and so on and combines with integrated design to achieve multiple features such as low power consumption but high brightness, long lifespan and maintenance free, meanwhile with waterproof can be reprogrammed from the ground with an infrared before and after install. It is one of our great innovation patented products.

Technical specification

Solar Module Parameters	Type	High-efficiency Monocrystalline Silicon
	Power	Up to 260W
Solar Charge Controller	MPPT (Maximum Power Point Tracking), infrared solar charging controller	
Battery	LifePO	Up to 60AH (1,536WH)
LED Light Parameters	Light Source Power	Up to 200W (Up to 32,000 lm)
	CCT (Correlated color temperature)	2,700K-6,500K/Amber
	CRI (Color rendering index)	<u>>75</u>
Control Modes	1.Light control 2. Timing control 3. Microwave control 4. Timing + Microwave control	
Working Mode	Depend on customer request and solar radiation.	
IP Rating	IP67	
Extended Application Option	Wireless Remote controller	
	GPRS Integrated Management System(Remote control and monitoring)	
Material	Aluminum Die-casting	
Product size	Depend on LED and solar panel wattage	
Net Weight	Depend on LED and solar panel wattage	

USES AND APPLICATIONS GUIDE

Streets Lighting	
Parking Lots	
Residential Roads	
Public Parks	
Sports Lighting	

Key Features

- Low installation and maintenance costs.
- IP67 Rating.
- High performance 1W LEDs with 140lm/w.
- Light dimming engine.
- Led's operating life time over 100,000 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 applications.
- Aluminum housing for efficient heat dissipation
- Approved IDA
- LM 79/80

ORDERING GUIDE

Ordering Guide: HIGHLIGHT HL-ML-N200-110W-80W-2-27K-42AH-GR-00-WL

Model	Solar Panel	LED Power	Distribution type	LED Color Temp	Battery Options	Body Color	Options
HL-ML-N200	110W	80W	2- Type II	27K	42AH	GR- Gray *Other colors are available	00- No motion sensor
	120W	100W		30K	48AH		01- Motion sensor
	160W	120W		40K	53AH		WL- Wildlife (Amber LED)
	180W	150W		50K	60AH		S-Shield
	210W	180W		65K			
	260W	200W		A - Amber			



*Up on request

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alternation or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage



Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



contact@solarpathusa.com



www.solarpathusa.com