

# HIGHLIGHT HL-SDBL

## 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 design of solar decorative light / courtyard light absorbs energy from the universe, and combines it with high efficiency solar panel, LEDs, and LifePO4 battery. It adopts advantage technics 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

|                                |                                                                         |                               |
|--------------------------------|-------------------------------------------------------------------------|-------------------------------|
| <b>Solar Module Parameters</b> | Type                                                                    | Monocrystalline Silicon panel |
|                                | Power                                                                   | Up to 50W                     |
| <b>Solar Charge Controller</b> | MPPT (Maximum Power Point Tracking), infrared solar charging controller |                               |
| <b>Battery</b>                 | LifePO4                                                                 | Up to 40AH                    |
| <b>LED Light Parameters</b>    | Light Source Power                                                      | Up to 20W (Up to 2,800lm)     |
|                                | CCT (Correlated color temperature)                                      | 3,000K/6,000K                 |
|                                | CRI (Color rendering index)                                             | <u>≥81</u>                    |
| <b>Control Modes</b>           | Manual ON/OFF / Automatically ON/OFF / Time Control                     |                               |
| <b>Operation profile</b>       | Programmable (Depend on solar radiation)                                |                               |
| <b>IP Rating</b>               | IP65                                                                    |                               |
| <b>Body Material</b>           | Aluminum/ Steel                                                         |                               |

## SOLAR STREET LIGHT

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### USES AND APPLICATIONS GUIDE

|                   |   |
|-------------------|---|
| Streets Lighting  | V |
| Parking Lots      | V |
| Residential Roads | V |
| Public Parks      | V |
| Sports Lighting   | V |

## ORDERING GUIDE

Ordering Guide: EXAMPLE: HL-SDBL-25W-10W-2-30K-30AH-BLK-00

| Model   | Solar Panel | LED Power | Distribution type | LED Color Temp | Battery Options | Body Color  | Options               |
|---------|-------------|-----------|-------------------|----------------|-----------------|-------------|-----------------------|
| HL-SDBL | 25W         | 10W       | 2 – Type II       | 30K            | 30AH            | BLK-Black   | 00 – No motion sensor |
|         | 50W         | 15W       | 3 – Type III      | 40K            | 40AH            | GR- Grey    | 01- Motion sensor     |
|         |             | 20W       | 4 – Type IV       | 50K            |                 | BRZ- Bronze |                       |
|         |             |           | 5 – Type V        | 60K            |                 | C - Custom  |                       |
|         |             |           |                   |                |                 |             |                       |

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