



Best outdoor solar street lights

Todaybulb's solar battery street light is highly integrated lighting devices that combine solar panels, lighting fixtures, control systems, and battery energy storage devices. During the day, The solar battery street light collect light energy through photovoltaic panels and convert it into electrical energy for storage. At night, they automatically turn on to provide lighting without the need for external power sources or complex wiring. This design significantly improves installation efficiency and environmental adaptability, especially suitable for areas with difficult power grid coverage

-Advantage

- Intense light source, 180*SMD3030 high light beads LUMILEDS

High quality led lamp beads, long service life, which is bright and irradiation area is wide.

-High sensitive light control

Automatic Switch on and off light, charging during the day and automatic lighting at night. Remote control adjustment of brightness (within 10 meters), multi-mode switching (full/half/timed),

-Fast charging speed, long working time

Up graded solar photovoltaic panel conversion rate, 6-8Hrs to be fully charged. Larger battery capacity 20000mAh, these solar motion street light could lasting from dusk to dawn after full charged when in motion mode.

-IP67 engineering protection class

Engineering level waterproof IP67, do not worry about the rain or damp, rainy days fully charged continuous work for 3-7days.

-High photoelectric conversion efficiency

Todaybulb's solar motion street light is using mono crystalline silicon or poly crystalline silicon modules to collect solar energy, the light energy conversion efficiency can reach over 20%, combined with NANO optical coatings to optimize light reflectivity.

-Lightweight and durable

The all aluminum integrated design reduces weight by 45%, supports 2-meter drop without damage, has a wind resistance level of 12, and has a lifespan of 8-10 years

Best outdoor solar street lights

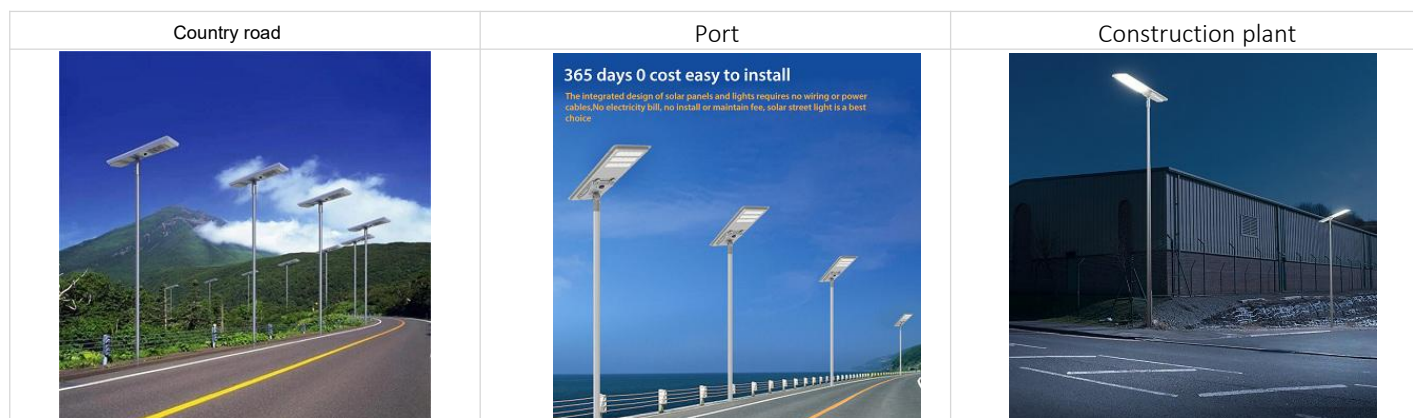


Feature

- ✓ Long service life 25000hours
- ✓ Lightweight structure
- ✓ IP65 protection level
- ✓ Radar sensor
- ✓ SMD3030 LUMILEDS
- ✓ 180° rotating bracket
- ✓ Aluminum body

Application

Todaybulb's best street solar lights are widely used in municipal roads, rural lighting, and industrial scenes due to their highly integrated, energy-saving, and environmentally friendly characteristics. In the municipal field, it can achieve 300-900 square meters of road or square lighting without the need for cable laying, and automatically start and stop through photosensitive control; In remote rural areas, its explosion-proof design and human body sensing function not only solve the problem of power grid coverage, but also enhance courtyard safety; In industrial settings, the IP65 protection level and weather resistance make these best street solar lights suitable for harsh environments such as ports and construction sites. In addition, its 3-7 day battery life and 8-10 year lifespan on rainy days make it the preferred solution for low-carbon lighting.



Best outdoor solar street lights

Specification

Model	Power	Product size	Battery 12.8V	Lighting	Weight	Material
SOL-LST-LY	60W	887*400*280MM	20000mAh	12-16 h	12 KGS	ALUMINUM
SOL-LST-LY	80W	1160*400*280MM	30000mAh	12-18 h	15 KGS	ALUMINUM
SOL-LST-LY	100W	1435**400*280MM	40000mAh	12-24 h	22 KGS	ALUMINUM