



Powerful solar flood lights

As a new generation of outdoor lighting solution, Todaybulb's commercial outdoor solar flood lights convert solar energy into electrical energy through photovoltaic panels to drive LED light sources, achieving zero power consumption and wiring free green lighting. These large solar flood lights are widely used in construction sites, commercial landscapes, home courtyards, and other scenarios, especially suitable for areas without power grids. With the development of 5.0 anemometer photovoltaic and AI energy storage technology, the commercial outdoor solar flood lights will integrate security monitoring, smart and other functions in the future, becoming a standard lighting equipment for sustainable urban construction.

-Advantage

- Zero carbon energy saving

Completely relying on solar power supply, zero electricity expenses, and long-term costs 13% lower than traditional lighting fixtures.

-Intelligent energy storage

Electricity is stored in batteries (lead-acid/lithium iron phosphate batteries), supporting 3-4 consecutive rainy days of endurance

-High lumen SMD2835 lighting

Low power LED light source emits high lumen light, for example 200w led flood light solar, it is with a lifespan of over 50000 hours, 92% light transmittance, energy saving 60% more compare with the traditional lights. These 200w led flood light solar become the high cost-effectiveness in the market

-IP65 or above protection level suitable for extreme environments

With IP65-rated dust/water resistance, these lights operate from -35°C to 60°C and withstand winds exceeding 150 km/h. Die cast aluminum body, suitable for high salt and humid environments

-High photoelectric conversion efficiency

Solar panels (poly crystalline/mono crystalline silicon) absorb sunlight and convert it into direct current, with a conversion efficiency of up to 23%

-Easy installation

No wiring or trenching required, supporting various fixing methods such as wall mounted, ground mounted, pole mounted, etc

Most powerful solar security light



Feature

- ✓ Long service life 25000hours
- ✓ Automatically lights up when the ambient light is less than 10lux (20 minutes after sunset)
- ✓ Can preset 4/8-hour timed shutdown or overnight lighting mode
- ✓ Work with Remote controller
- ✓ Brightness can be dimmed
- ✓ 180° rotating bracket
- ✓ ABS and Aluminum body options

Application

Todaybulb's large solar flood lights are an efficient and environmentally friendly outdoor lighting device, Widely used in municipal engineering, commercial landscapes, industrial areas, and home courtyards, especially suitable for use in areas without power grids.



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Specification

Model	Power	Lamp size	Battery	Solar panel	Material
SOL-FL-BOWL- 201/25	25W	205*160*55	5AH	6W	ABS
SOL-FL-BOWL- 201/40	40W	250*200*70	6AH	8W	ABS
SOL-FL-BOWL- 201/60	60W	70*220*75	10AH	10W	ABS
SOL-FL-BOWL- 201/100	100W	320*260*90	15AH	18W	ABS
SOL-FL-BOWL- 201/200	200W	365*285*90	20AH	25W	ABS
SOL-FL-BOWL- 201AL/25	25W	193*146*50	5AH	6W	ALUMINUM
SOL-FL-BOWL- 201AL/40	40W	227*180*50	6AH	8W	ALUMINUM
SOL-FL-BOWL- 201AL/60	60W	55*208*65	10AH	10W	ALUMINUM
SOL-FL-BOWL- 201AL/100	100W	300*250*75	15AH	18W	ALUMINUM
SOL-FL-BOWL- 201AL/200	200W	35*270*80	20AH	20W	ALUMINUM
SOL-FL-BOWL- 201AL/300	300W	35*270*80	25AH	25W	ALUMINUM