



## **BUILT TO LAST**

This robust and high-performance solar LED street light brings comfort and safety to any road or street. Pressure to reduce energy costs and carbon emissions for outdoor lighting is stronger than ever. High-quality solar LED street offer a great solution, thanks to clever design, highly efficient light sources, long life and smart controls.

# 01 EXC-CR-Z01 SOLAR STREET LIGHT



**EXC@OPTIC**  
EXC Design Optical Lens,  
100% avoid light leakage.

## SMART LIGHTING

EXC incorporates many control solutions such as In City, our state-of-the-art intelligent outdoor lighting system: save energy, provide light only when and where it is required and control the whole system from a simple dashboard. Combine it with our expert service team, and you will get revolutionary lighting.

## 20-100W TECHNICAL DATA

Item NO.	EXC-CR-Z01-20	EXC-CR-Z01-30	EXC-CR-Z01-40	EXC-CR-Z01-60	EXC-CR-Z01-80	EXC-CR-Z01-100
Power	20W	30W	40W	60W	80W	100W
Mono Solar Panel	18V/25W	18V/40W	18V/40W	18V/60W	18V/60W	18V/90W
LiFePO4 Battery	12.8V/6Ah	12.8V/10Ah	12.8V/12Ah	12.8V/18Ah	12.8V/24Ah	12.8V/28Ah

## 120-150W TECHNICAL DATA

Item NO.	EXC-CR-Z01-120	EXC-CR-Z01-150
Power	120W	150W
Mono Solar Panel	18V/90W	36V/100W
LiFePO4 Battery	12.8V/30AH	25.6V/18AH



# A FUTURE PROOF SOLUTION

Made of top-quality alloy, EXC LED is built to withstand all conditions, and to cope with physical impact and vibration. With a lifetime up to 100000 hours, it guarantees years of reliable performance, ensuring a low-cost of ownership. And with connectivity built in, it's a truly futureproof solution. As well as being robust, this modern street light is slim, sleek and performs brilliantly. With light output of up to 21300 lm with 2 sizes, EXC LED is powerful enough to handle roads &

streets, residential areas, car parks and walking/cycling paths. Because every application is different, EXC optic to offer unprecedented optical flexibility. A choice of several precise light distributions is available for highly efficient and comfortable light, exactly where it is needed, whether lighting a residential street, a busy road or a pedestrian crossing.



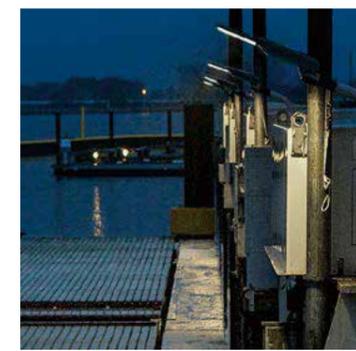
IP65	IK09

## Built to last

EXC LED is built to withstand almost everything that nature and the outdoor environment can throw at it. With an IP65 rating for ingress protection and IK09 for impact, the luminaire also has strong corrosion resistance and vibration resistance. There are few applications EXC LED can't handle.

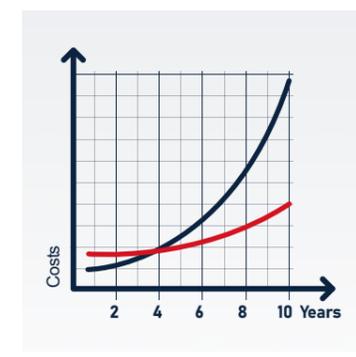
## Corrosion resistant

Thanks to the best in class alloy and the specific fixing system treatment, EXC LED has strong corrosion resistance and easily reaches Category 5 (C5® very high corrosivity) according to Corrosion of metal and alloys.



## Great ROI potential

As time goes on, green energy is gradually used everywhere the planet, solar led street lights can be installed wirelessly anywhere, which are more environmentally friendly and efficient than conventional led street lights. The solar energy is inexhaustible, as the energy situation continues to be tense in the world, solar energy will become the future energy trend, and the cost of use will continue to decrease compared with conventional lights, creating greater value than conventional LED street lights.



— Led street light  
— Solar street light



## APPLICATION AREAS

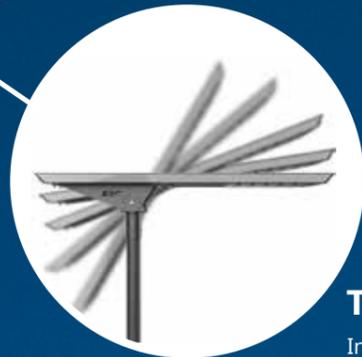
ROADS	CAR PARKS	RESIDENTIAL AREAS	WALKING/CYCLING PATHS

# 02 EXC-CR-Z01A SOLAR STREET LIGHT



### CONTRACTOR FRIENDLY

Folding solar panel design, compare with normal all in one solar lamp, it can double size of solar panel.



### TILTING TECHNOLOGY

Installation Angel: 0 to 180°

### 100-150W TECHNICAL DATA

Item NO.	EXC-CR-Z01A-100	EXC-CR-Z01A-120	EXC-CR-Z01A-150
Power	100W	120W	150W
Mono Solar Panel	36V/200W	36V/200W	36V/225W
LiFePO4 Battery	25.6V/24AH	25.6V/30AH	25.6V/36AH

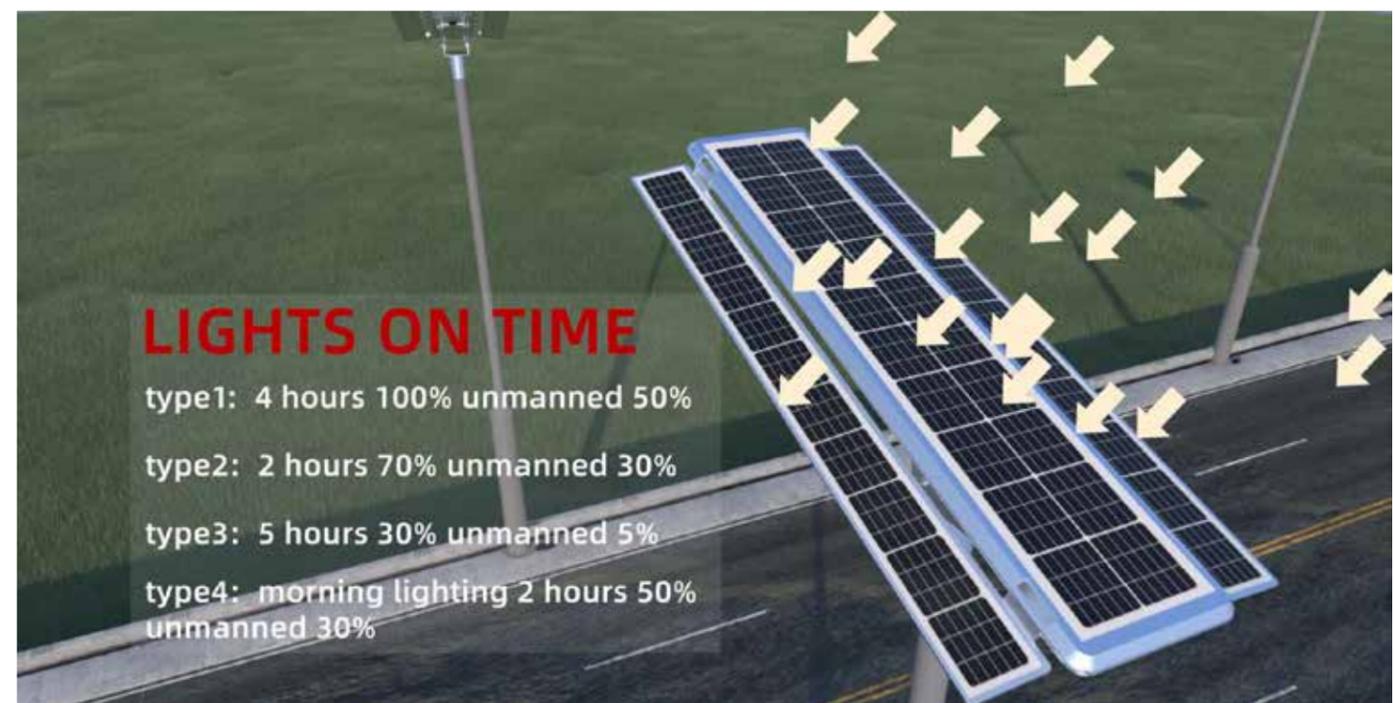


### All in One Solar Street Light

- ✓ Photoelectric isolation design
- ✓ Self-cleaning
- ✓ Anti-dust



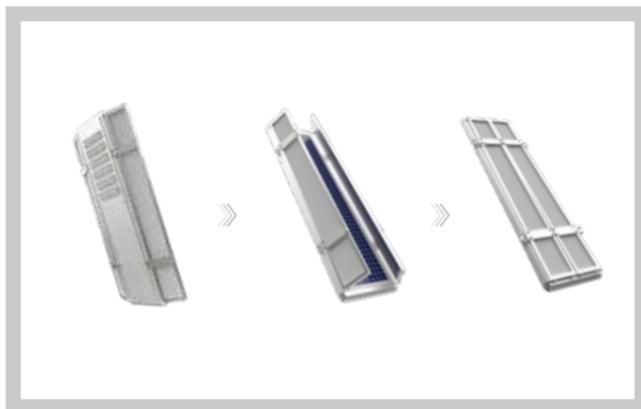
Turn on at dusk and tun off at dawn automatically.



### LIGHTS ON TIME

- type1: 4 hours 100% unmanned 50%
- type2: 2 hours 70% unmanned 30%
- type3: 5 hours 30% unmanned 5%
- type4: morning lighting 2 hours 50% unmanned 30%

**EXC** PRODUCT **ADVANTAGE**

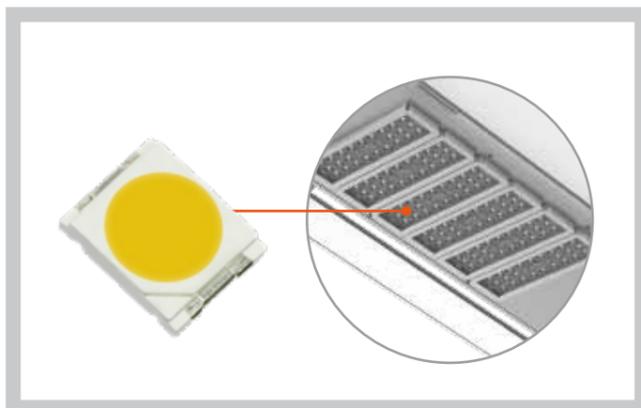


The folded solar panel design can reduce the volume of package, it also can save the labor cost of installation.



**IP67**

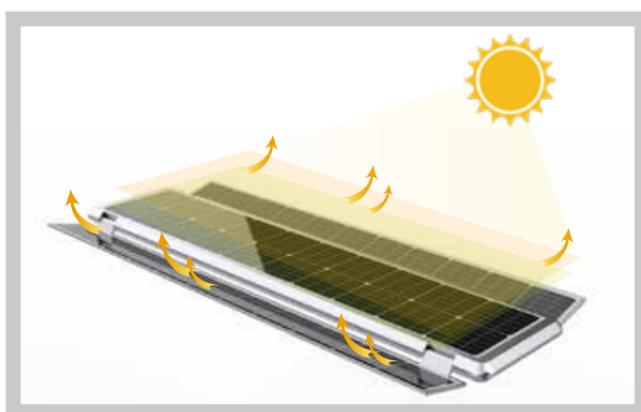
The controller waterproof is IP67, the lamp is internal waterproof.



We use superior high luminous efficiency LED chip, 1watt equal 210 lumen . Our folded solar panel design make our lamp can replace the split solar lamp of high brightness all night lighting solution.



As to large lamp project ,we can provide smart control system for our solar lights.



The wing spread design of lamp body make it has tripled in size than normal integrated solar lamp in the market, this make it has tripled in heat dissipation.



We use LiFePO4 battery, have 2000 times charging and discharging circulation, Life span can over 10 years.



## Shenzhen EXC-LED Technology Co.,Ltd

EXC has always been focusing on LED outdoor lighting and cloud control system, committing itself to provide stable and reliable comprehensive smart lighting system solutions for customers all over the world. After 12 years of precipitation and accumulation, EXC has not only achieved commercial goals, but also actively promoted the healthy development of the industry.

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