BASALT

SSL-915/916/918
920/930

6000LM~17000LM

A+ LiFePO4 Battery



SOLAR STREET LIGHT

Solar · ALS · BMS · IP66 · TCS · Ray Sensor · Charging temperature 60°C 0°C · Working temperature 60°C -20°C · PIR · 5 YEARS Warranty

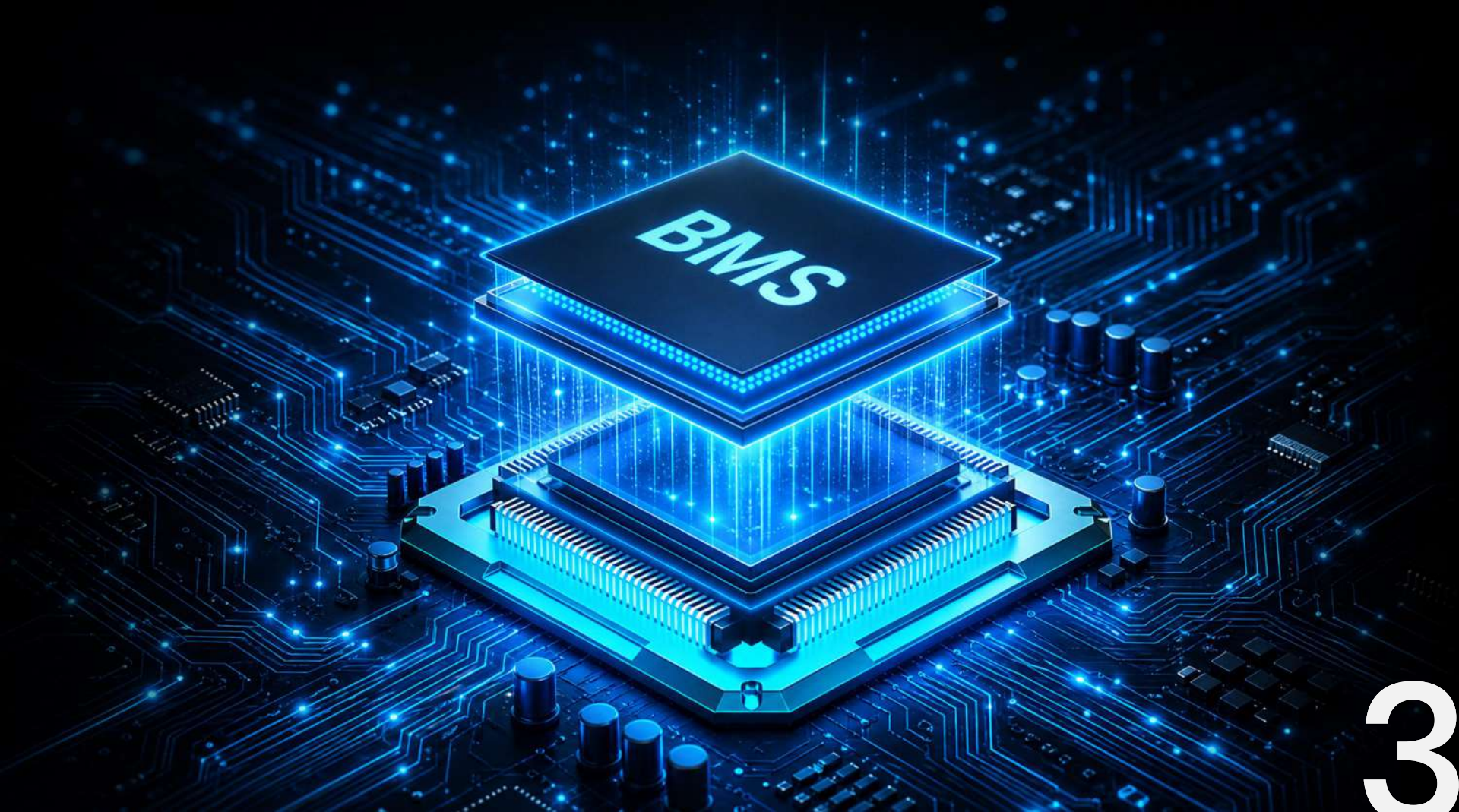
5 Years Warranty

From component selection to LiFePO4 Battery selection temperature control/thermal insulation technology, realize the real 5 years warrenty



BMS System

10-level hardware safety protection, and integrated with SOC & SOH



Adoption of Top Brand A + Grade Batteries

Span life > 4000 cycles



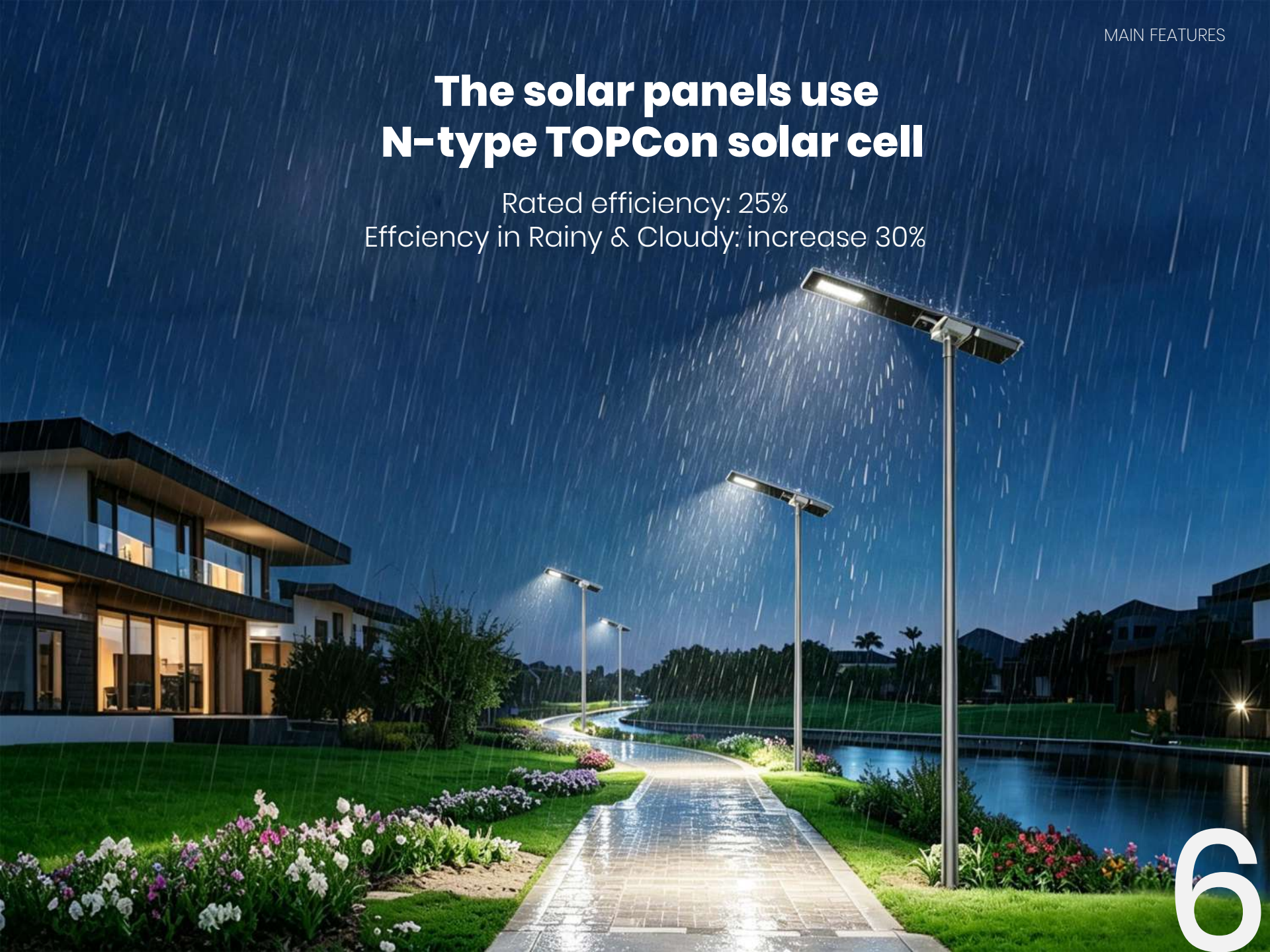
Stainless steel bracket

EP + outdoor powder coating,
high corrosion & weather resistance



The solar panels use N-type TOPCon solar cell

Rated efficiency: 25%
Effciency in Rainy & Cloudy: increase 30%



High Efficiency LEDs

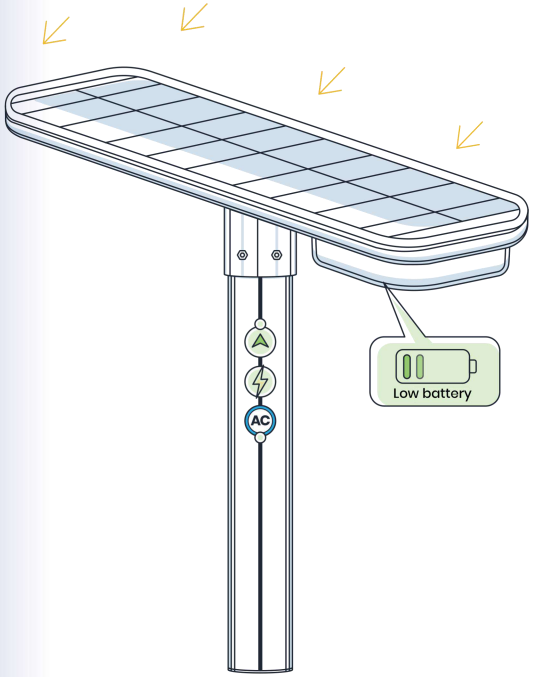


Up to 230Lm/W,
Brighter & Durable

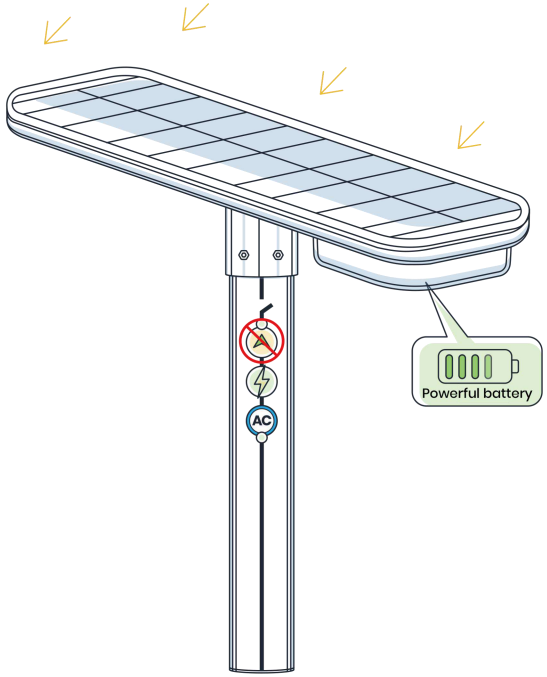

Remote control
Reset
ON
OFF
M1
M2
M3
M4/T
ok
SET/SAVE
RETURN

SOLAR STREET LIGHT

Hybrid street light (Customized)



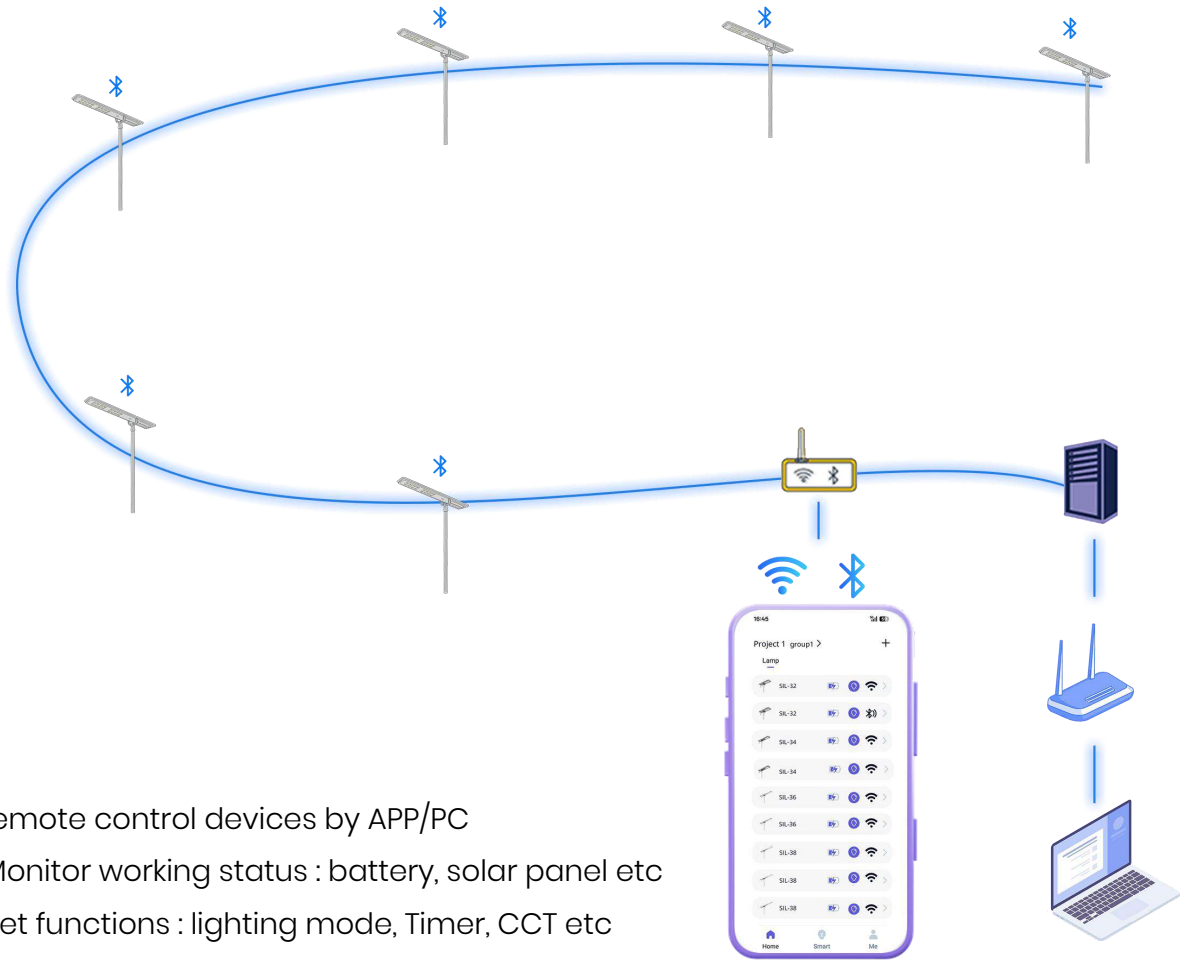
Battery capacity lower than
the setting capacity
AC start charging



Battery capacity higher than
the setting capacity
AC stop charging, only charged by sunlight

SOLAR STREET LIGHT

Smart Lighting(Customized)



1. Remote control devices by APP/PC
2. Monitor working status : battery, solar panel etc
3. Set functions : lighting mode, Timer, CCT etc

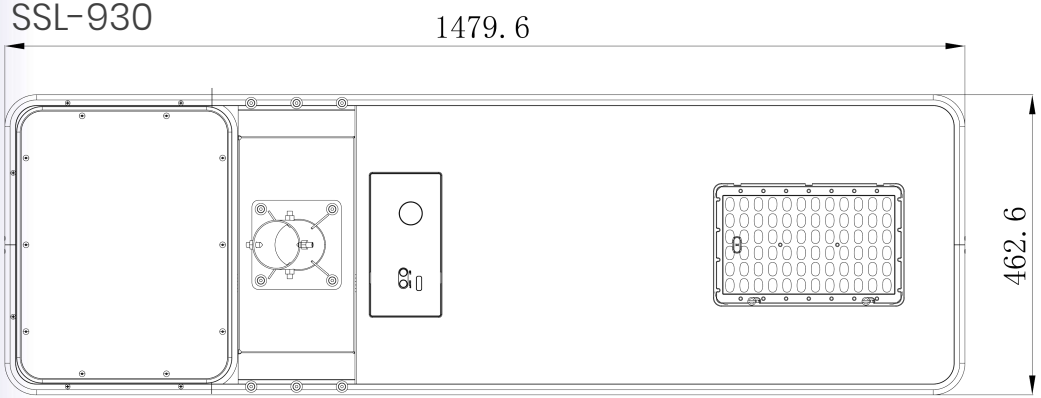
SOLAR STREET LIGHT

Item: BASALT	SSL-915	SSL-916	SSL-918	SSL-920	SSL-930
Light Brightness	8000LM	10000LM	12000LM	14000LM	17000LM
LED Power	52W	52W	60W	70W	85W
Solar panel					
Power	Monocrystalline silicon, 25% Eficiency 23.4V/71W	Monocrystalline silicon, 25% Eficiency 23.4V/71W	Monocrystalline silicon, 25% Eficiency 30.6V/94W	Monocrystalline silicon, 25% Eficiency 30.6V/94W	Monocrystalline silicon, 25% Eficiency 30V/138W
LiFePO4 Battery					
Capacity	19.2V 20AH 384WH	19.2V 30AH 576WH	22.4V 30AH 672WH	25.6V 30AH 768WH	22.4V 40AH 896WH
Lifespan(cyc)	≥4000 cycles				
Charging / Discharging Temp	0℃~60℃ / -20℃~+60℃				
Charging Time	6.6H	9.9H	9.8H	9.8H	8.7H
LED	3030, 144pcs	3030, 144pcs	3030, 288pcs	3030, 288pcs	3030, 288pcs
Color Temp	4000K, Ra>70				
Efficiency	230lm/W				
Types of Lighting	TYPE-2M				
LED Indicator					
Switch Lighting Mode	M1: Red , M2: Green , M3: Orange The mode indicator light will be light on for 5 seconds and then shows the battery level.				
Charging	LED indicators for charging: Green: >70% Orange: 30%~70% Red: <30%				
Switch					
Turn on/off	Long - press the power switch for 1.5S to turn on/off				
Switch Lighting Mode	M1 -M2 -M3				
Reset	Long press for more than 6 seconds to restore factory settings, and the lamp flash 3 times				
Color temperature switching	Single - click the color temperature switch button. The light will turn off for 2 seconds and then automatically switch back to the original color temperature.				
Performance					
Core Tech	ALS/TCS/BMS				
Lighting Mode	M1: 30% (PIR for 30S) until dawn M2: 100%(5h) + 25% (5h) (PIR 30S) + 70% till dawn M3: 70% till dawn				
PIR	120°, 8m.Max				
IP / IK Class	IP66/ IK08				
Max Lighting Area	442㎡	565.5㎡	666.5㎡	782㎡	950㎡
Install Height / Distance	8m / 23m	10m / 42m	12m / 36m	12m / 42m	12m / 43m
Material	Aluminum+PC				

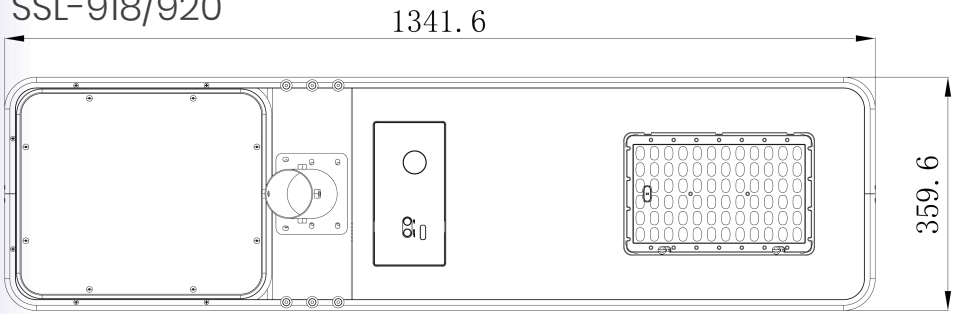
unit: mm

SOLAR STREET LIGHT

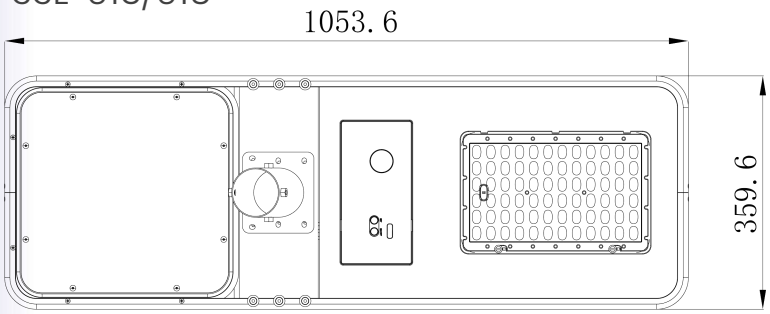
SSL-930

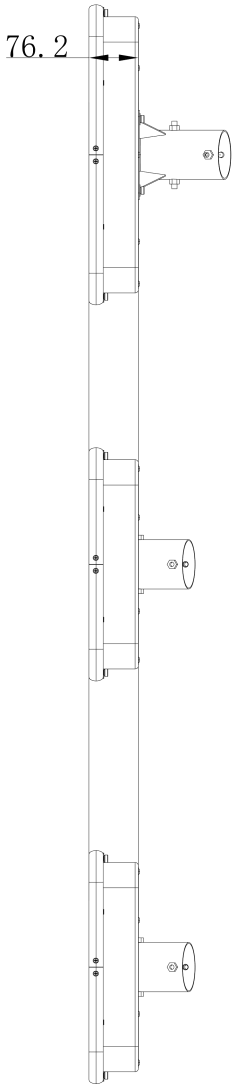


SSL-918/920

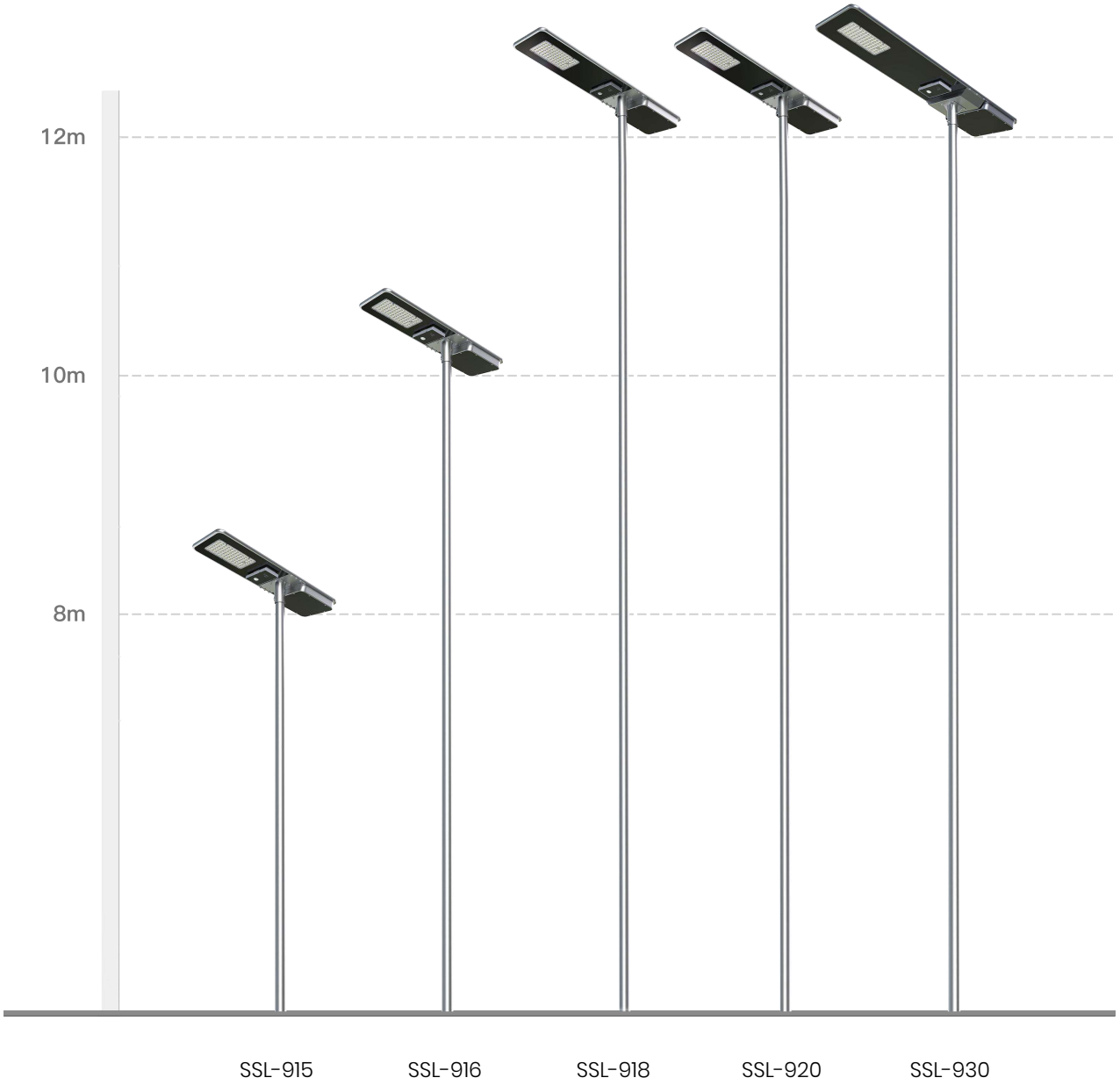


SSL-915/916





SOLAR STREET LIGHT



SOLAR STREET LIGHT



High Lumen LEDs 230lm/W



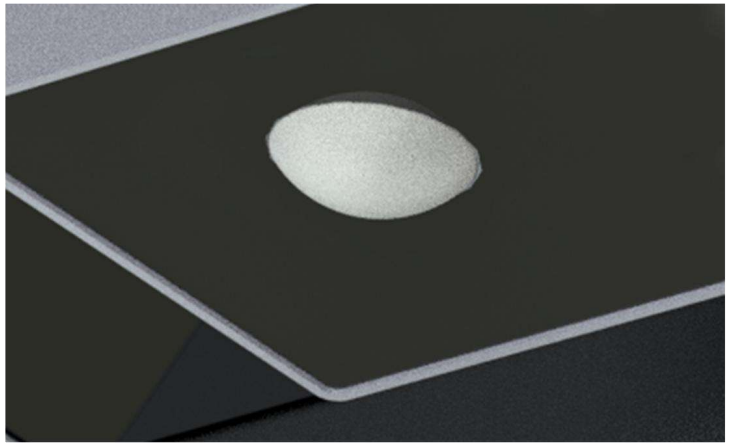
Battery Pack
Easy to Maintain



Monocrystalline
Solar Charging Efficiency: >25%



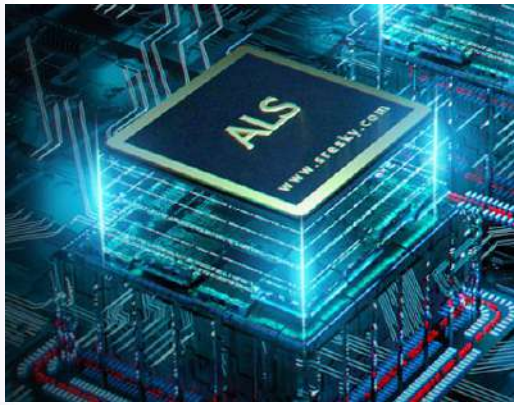
Use of Stainless - Steel Brackets

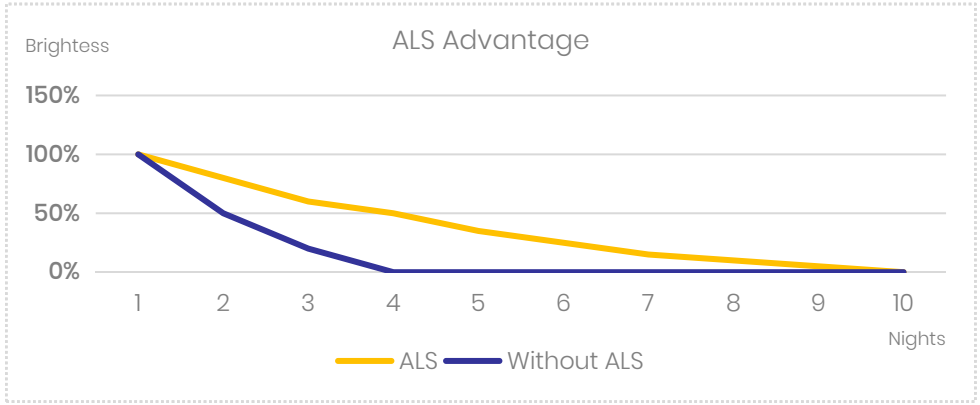


High Sensitivity PIR Sensor

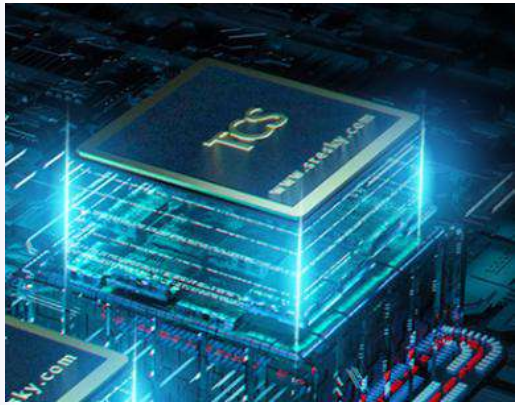
A Great Company should always pay the highest attention to every detail of design, and the craftsmanship spirit should be filled in the whole design process and mass production.

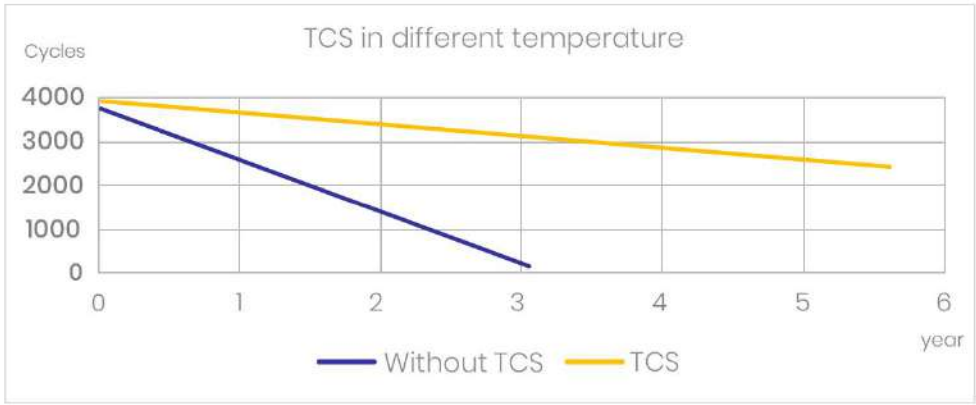
SOLAR STREET LIGHT





ADVANTAGE OF ALS





ADVANTAGE OF TCS




SOLAR / STREET / LIGHT
INNOVATING
THE FUTURE OF SOLAR