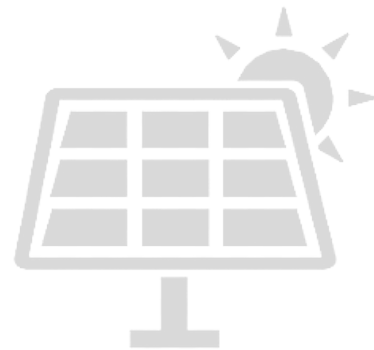




# SOLAR LED STREET LIGHT

Rocket



All In One Solar Street Light

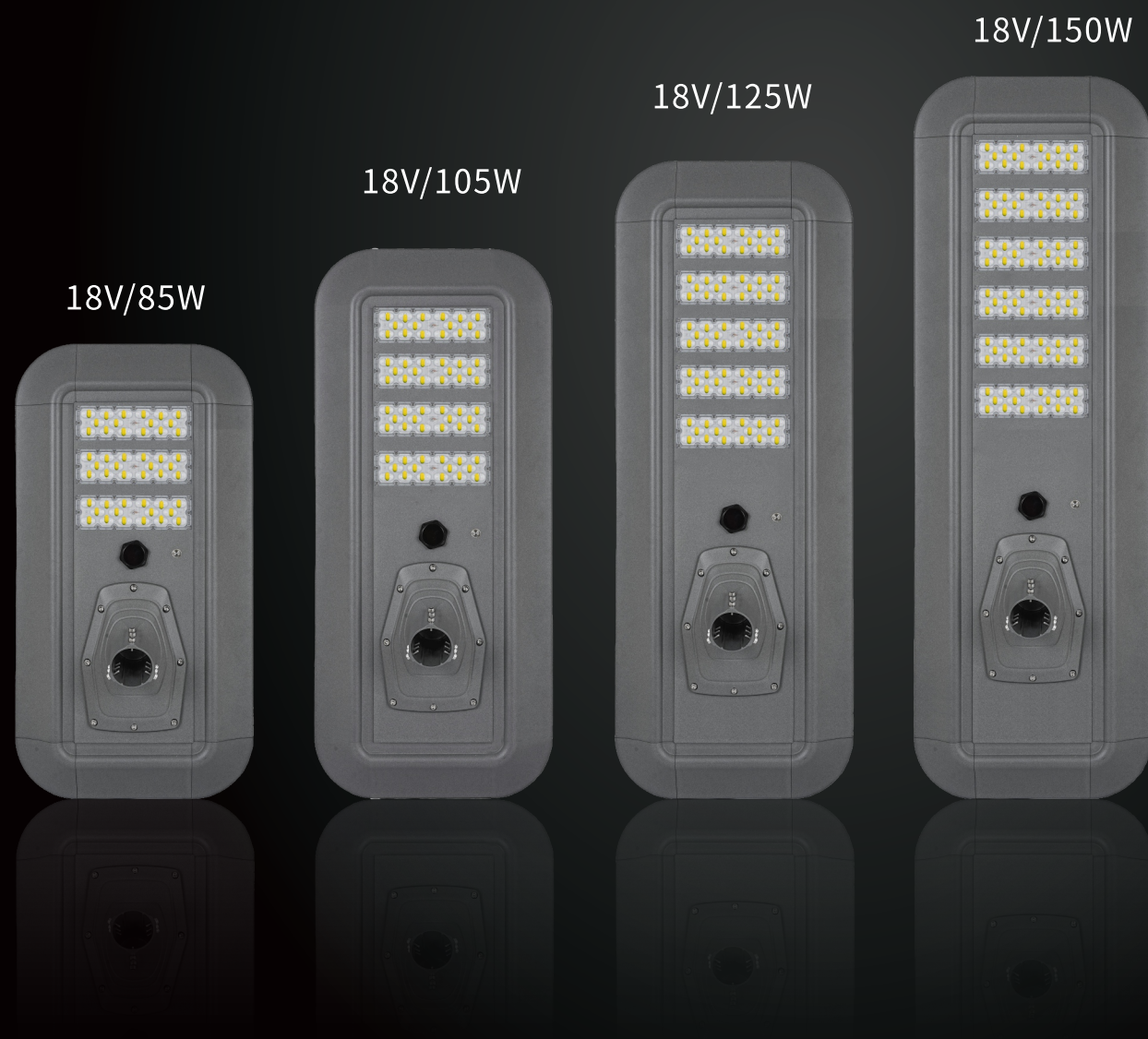


## KINCO ENERGY TECHNOLOGY CO.,LTD

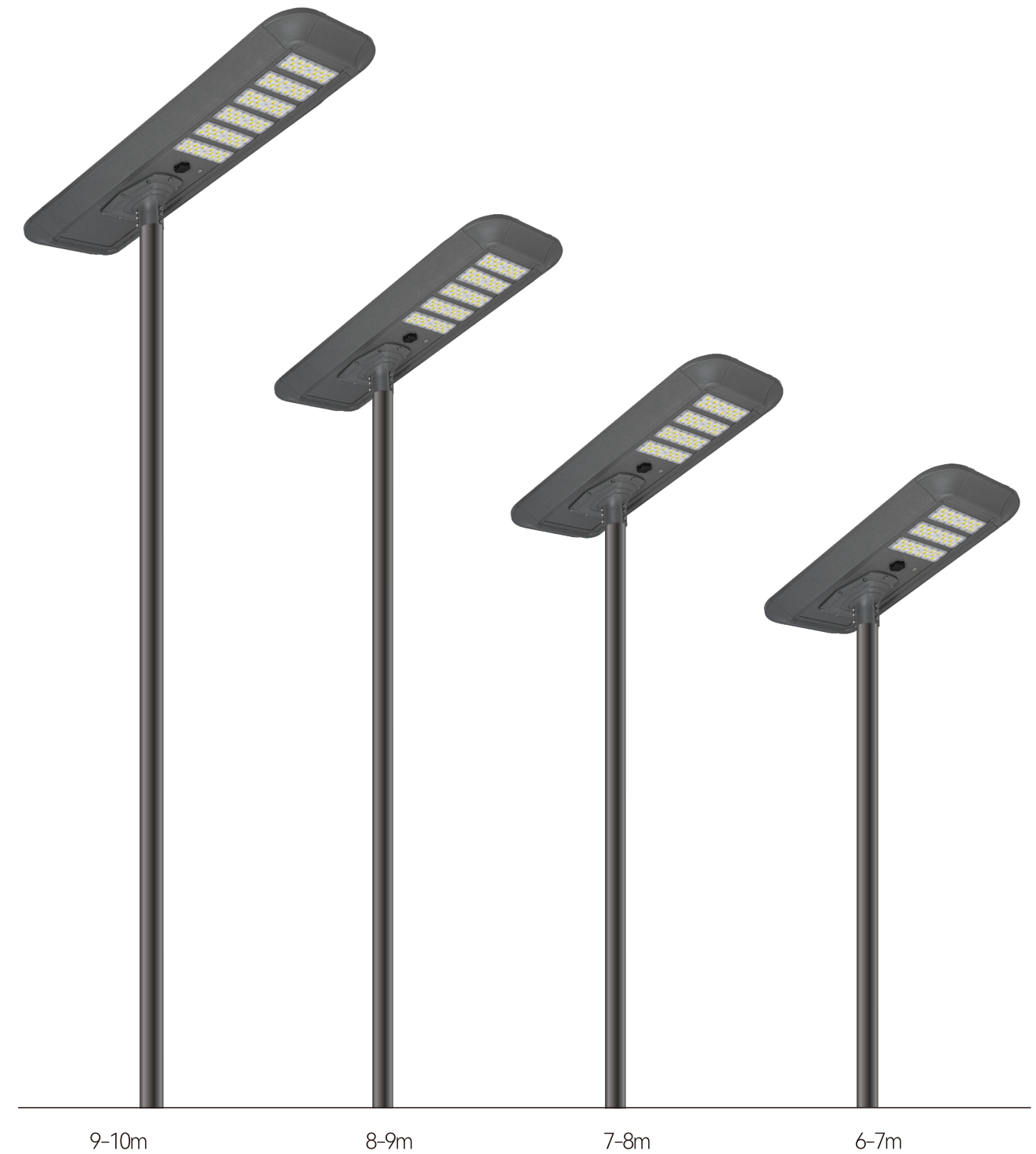
UN YANG  
0086 15502070917  
0086 19107602721  
0086 15502070917  
un@kinco-energy.com lisa@kinco-energy.com  
www.kinco-energy.com  
No.4 Jubao road, Lianfeng District,Xiaolan  
Town,Zhongshan City, Guangdong Province, China.

ALL IN ONE SOLAR STREET LIGHT

## ■ Specifications/models



## ■ Solar Led Street Light



Features



ROCKET  
SOLAR LED STREET LIGHT

- 70°\*145° Lighting Beam Angle
- Easy Maintenance Design
- Monocrystalline Solar Panel
- New Lifepo4 Battery
- MPPT Controller
- High Brightness LED chips 215lm/w , Energy Saving



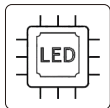
IP66 Waterproof Rating



Monocrystalline Siliconsolar Panels



Human Body Sensing



Led Chip



Lithium Iron Phosphate Battery



Solar Led Street Light  
Multiple perspectives / parameter



ROCKET



Lateral Side



Oblique Side



Top Perspective



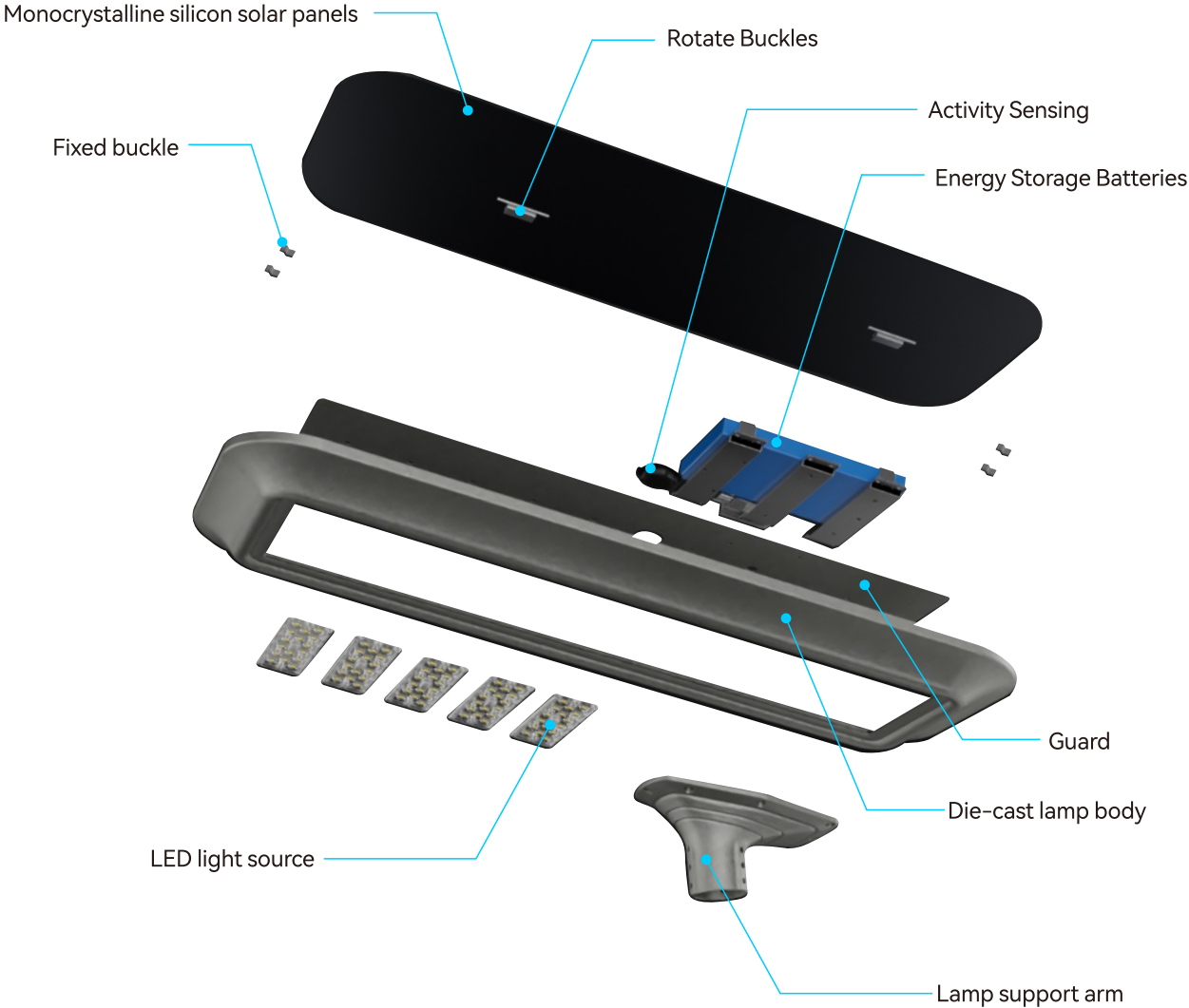
Bottom Perspective

ROCKET

| Model No                | KC-RC- 85W    | KC-RC-105W     | KC-RC- 125W    | KC-RC- 150W    |
|-------------------------|---------------|----------------|----------------|----------------|
| Monocrystal Solar panel | 18V/85W       | 18V/105W       | 18V/125W       | 18V/150W       |
| LiFeCoPO4. Battery      | 12.8V /30Ah   | 12.8V /36Ah    | 12.8V /42Ah    | 12.8V /48Ah    |
| Lamp size               | 990*520*250mm | 1200*520*250mm | 1380*520*250mm | 1650*520*250mm |
| Solar panel Size        | 970*495*3mm   | 1180*495*3mm   | 1360*495*3mm   | 1630*495*3mm   |
| Solar controller        | 12.8V/40W-PWM | 12.8V/50W-MPPT | 12.8V/60W-MPPT | 12.8V/80W-MPPT |
| CCT                     | 5500K         | 5500K          | 5500K          | 5500K          |
| LED Chips               | 48pcs/7070    | 64pcs/7070     | 80pcs/7070     | 96pcs/7070     |
| Luminous efficiency     | ≥210lm/W      | ≥210lm/W       | ≥210lm/W       | ≥210lm/W       |
| IP Rating               | IP66          | IP66           | IP66           | IP66           |
| Full Charge time        | 6-8 hours     | 6-8 hours      | 6-8 hours      | 6-8 hours      |
| Lighting time           | 3-4 nights    | 3-4 nights     | 3-4 nights     | 3-4 nights     |
| Install pole diameter   | Φ60-Φ76mm     | Φ60-Φ76mm      | Φ60-Φ76mm      | Φ60-Φ76mm      |
| Install height          | 6-7meters     | 7-8meters      | 8-9meters      | 9-10meters     |
| N.W Weight              | 14.50kgs      | 17.50kgs       | 19.32kgs       | 21.92kgs       |
| Warranty                | 3 years       | 3 years        | 3 years        | 3 years        |



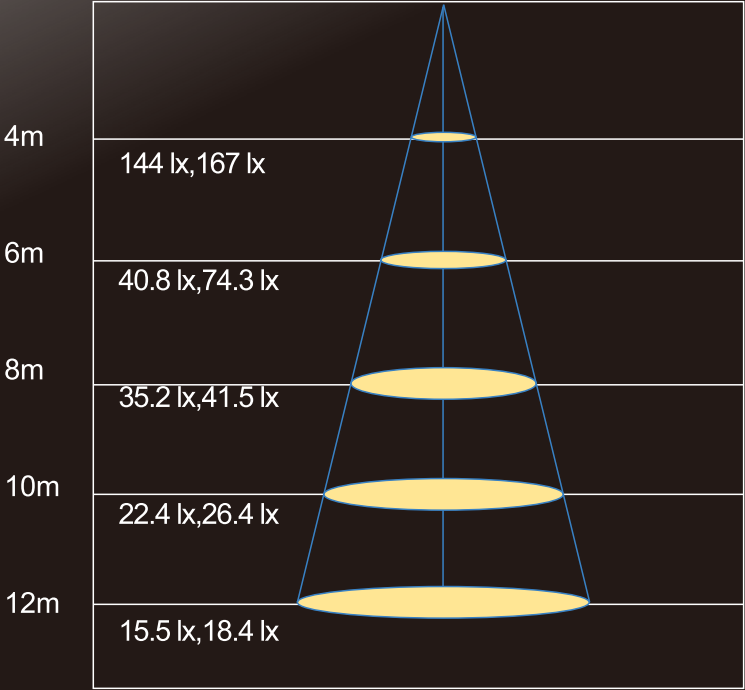
# Structure Display



## Easy to use Easy installation

The lamp cover can be opened and closed, has a large aperture, can be opened at any angle, quick shaft release screw design, no tools required, can be opened manually by bare hands, classic shaft design, rotate to open, tool-free operation, easy to repair, maintain, simple installation, convenient maintenance operation, no restrictions.

# Intelligent Power Saving

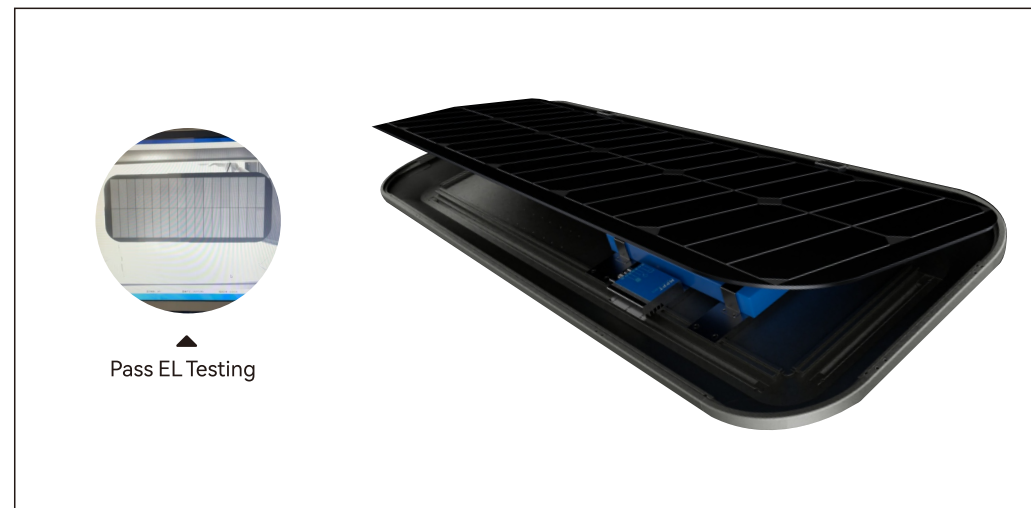


Height Ecenter, Emax Beam angle:130\*70deg(C0\_180)



## Solar Panel Standing Without Hand-help

**Shark and Rocket with rotate buckles new designs very easy open and close solar panel, easy maintenance**



The Solar Panel Axis Is Open For Easy Maintenance

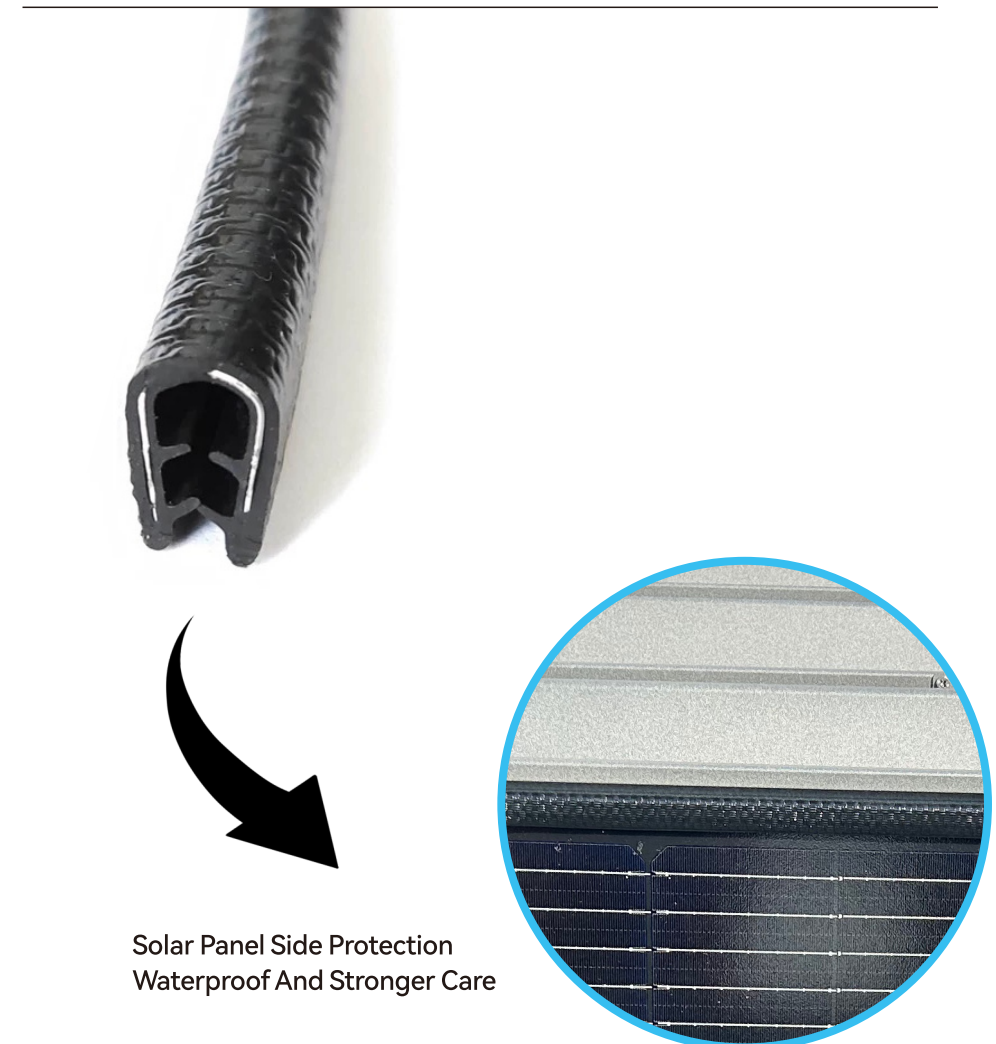


Solar Panel Standing Without Hand-help

## Solar Panel Border Guards



**Shark and Rocket solar panel edges protected by border guards with aluminum and rubber material, long lifespan and strong protective solar panel**



## Smart Controller

**MPPT Controller with 2.4G function through aluminum, Intelligent power setting**



MPPT Controller Charging Efficiency Higher 25% - 30% Than PWM Controller

## INTELLIGENT POWER REGULATION

The Intelligent Battery Control System Can Automatically Adjust The Output Power Of The Lighting Fixtures Based On The Battery Storage Capacity Effectively Extending The Working Time Of The lighting Fixtures. Even In Continuous Cloudy And Rainy Weather, It Can Ensure The Continuous Operation Of Solar Street Lights.

**When The Battery Is Sufficient**

100% Brightness  
When There Is Someone

50% Brightness  
When There Is No One

**When The Battery Is Low**

50% Brightness  
When There Is Someone

25% Brightness  
When There Is No One



## Rainproof/usage Time



**Monocrystalline Solar Panel**  
High Charging Efficiency Over 23%



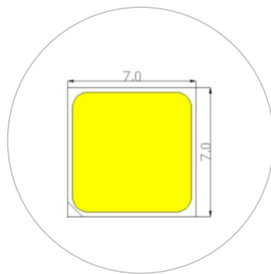
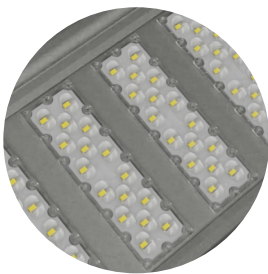
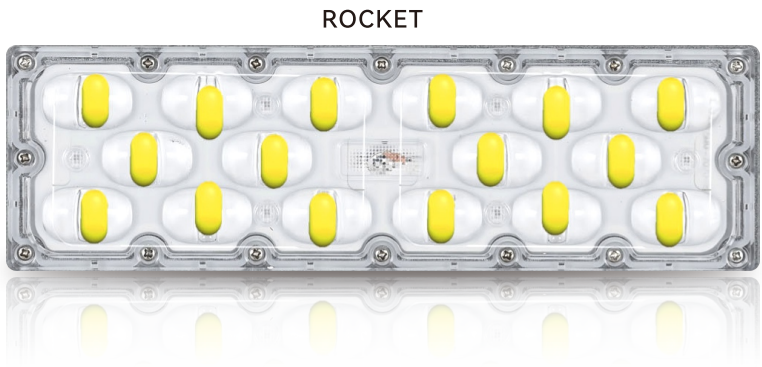
**CHARGING**  
Daytime 6-8hrs



**WORKING**  
AT NIGHT 24-30Hr

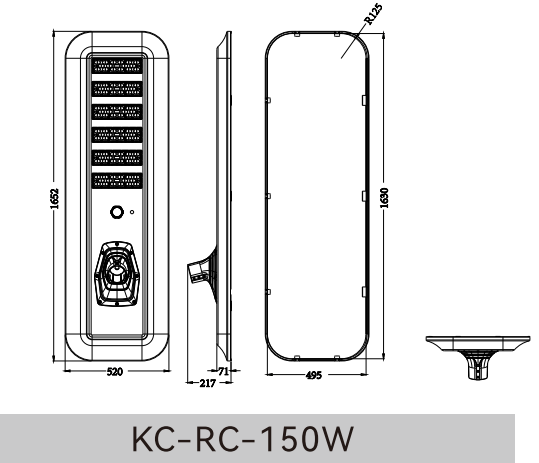
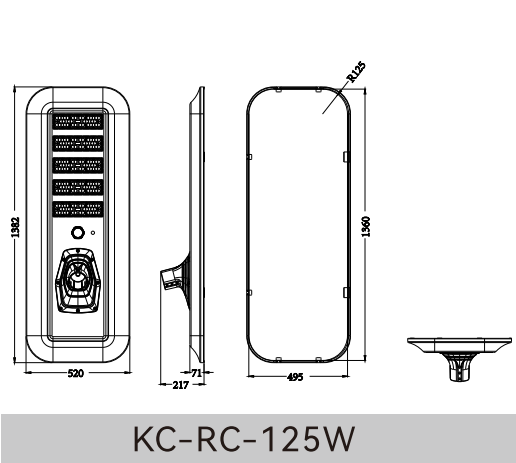
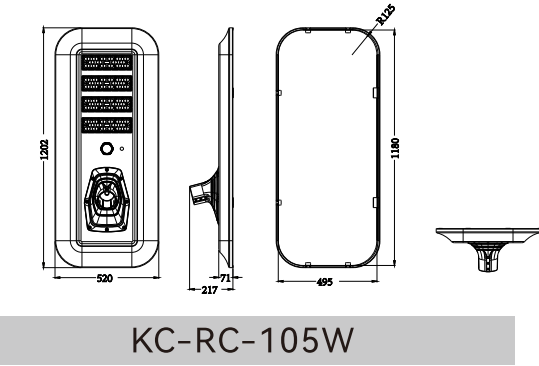
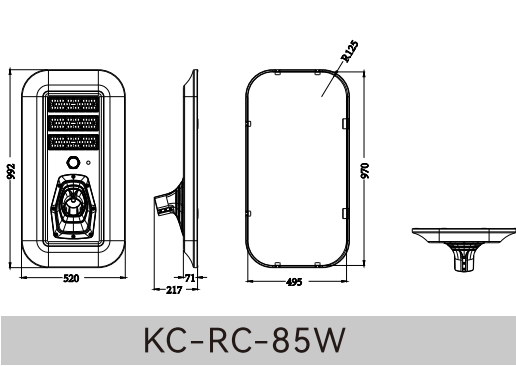
Led High Quality Light Source

Low Power Consumption   High Light Efficiency



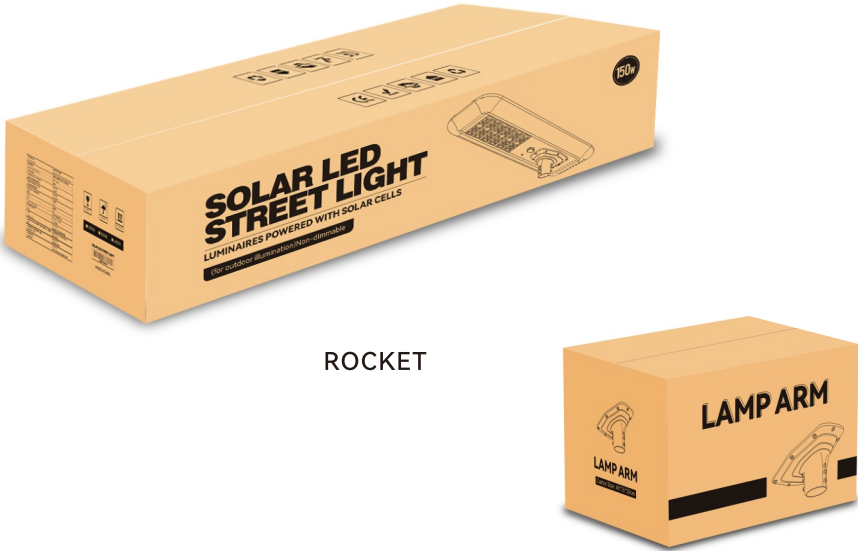
Modules | 7070 Led chips | 215lm/w

IEC RoHS LM-80 pb





Packing SIZE



ROCKET

LAMP ARM

|                       | NAME       | CARTON SIZE   | QTY/CTN  |
|-----------------------|------------|---------------|----------|
| ROCKET PACKING SIZE   | KC-RC-85W  | 105*56*10.5CM | 1PCS/CTN |
|                       | KC-RC-105W | 126*56*10.5CM | 1PCS/CTN |
|                       | KC-RC-125W | 144*56*10.5CM | 1PCS/CTN |
|                       | KC-RC-150W | 171*56*10.5CM | 1PCS/CTN |
| LAMP ARM PACKING SIZE | LAMP ARM   | 45*35*29CM    | 4PCS/CTN |

Suitable For Environment



Streets/Paths/Bike Paths

