| Product Name | All-in-one Solar Street Light |
|---|---|
| Product No | ADI AN-ISSL-M2 |
| Manual No | 02 |
| Date | 2018.03 |

ASIAN DRAGON
International Corporation

EVERYTHING
UNDER THE SUN

# 2018
## New Solar Light

# Our Advantage

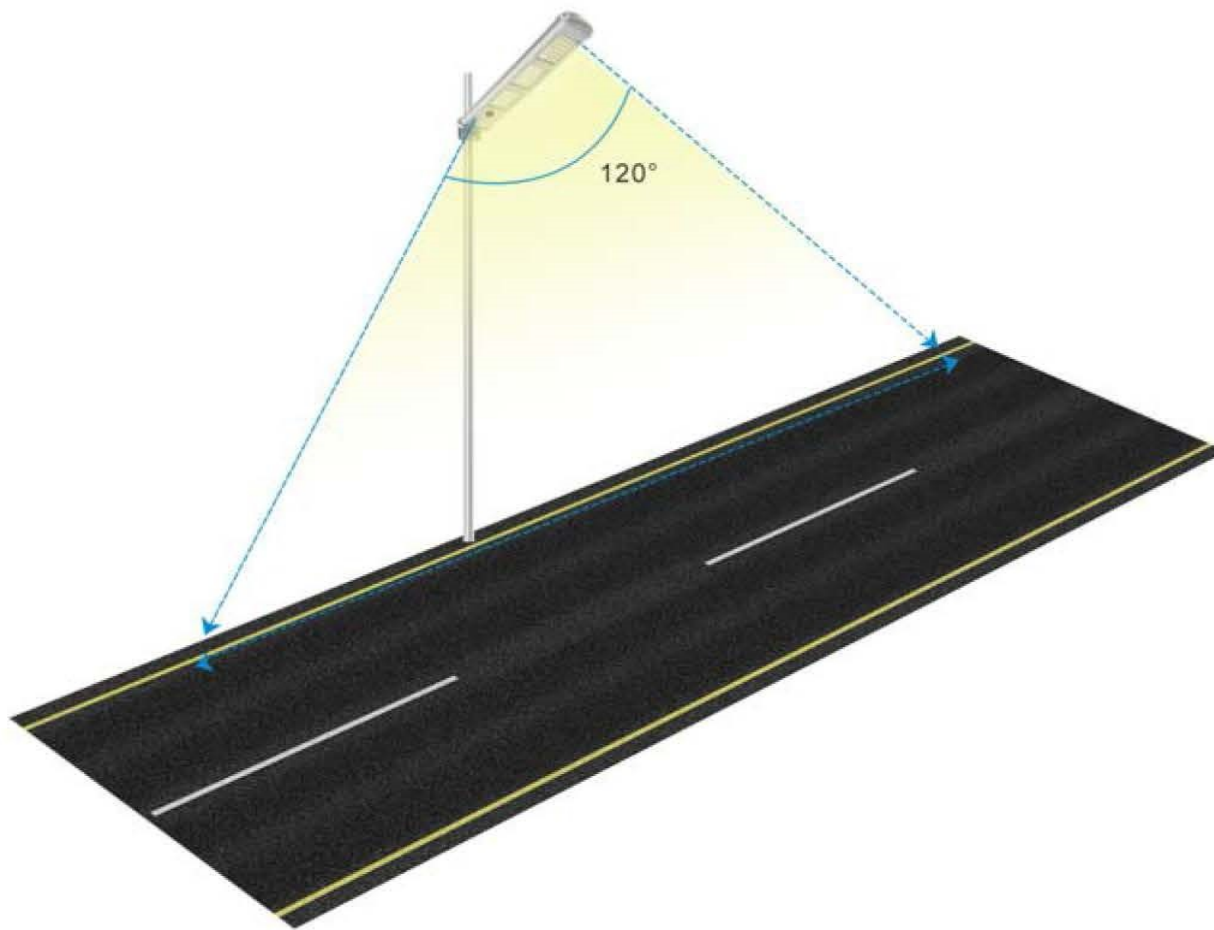# Main features:

1.2018 patented product, beautiful appearance in integrally molded design.

2.Using high brightness Bridgelux led chip up to 130-150lm/w.

3.Big capacity and deep cycle lithium battery, more durable service life.

4.Top quality solar cells, smaller size but higher efficiency.

5.Night sensor + PIR motion sensor, support 3 nights after full charging.

# Feature

## Professional lighting design

120 degree beam angle, can provide much wider effective lighting area
Anti-glare design, more uniform lighting



## Remote Control Model (30-80W)

**DEMO:** No matter day or night, light "on" for 1 minute.
Only for test use.

**OFF:** No matter day or night, light "OFF".

**L:** At night, 12hr full power.

**T:** At night, 4hrs Full Power+8hrs 25%.

**M:** At night, 12hrs Motion Sensor Control.

**U:** At night, 4hrs Full Power+8hrs Motion Sensor Control.
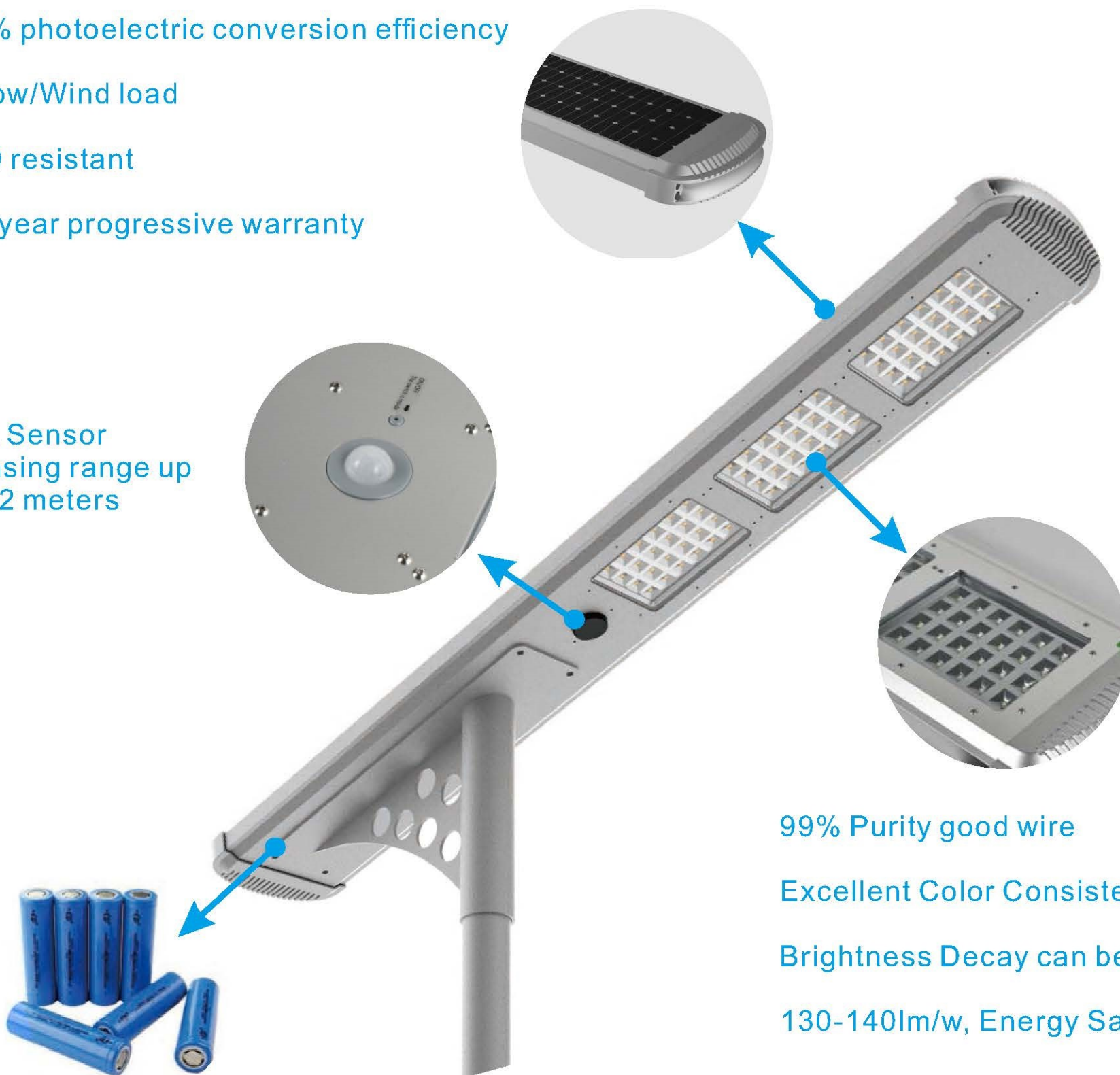
# Component Details

19% photoelectric conversion efficiency

Snow/Wind load

PID resistant

25-year progressive warranty

PIR Sensor
Sensing range up
to 12 meters

99% Purity good wire

Excellent Color Consistency

Brightness Decay can be as low as 3%
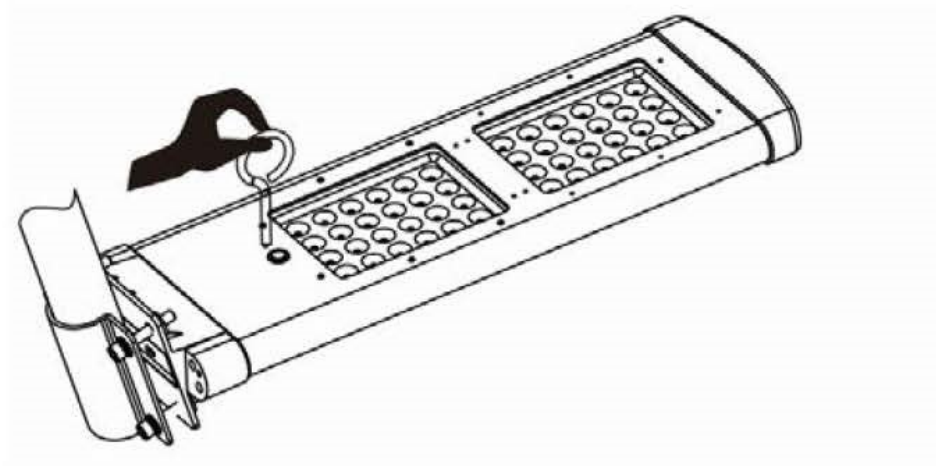
130-140lm/w, Energy Saving over 50%

Long life cycle, >2000 times deep cycle

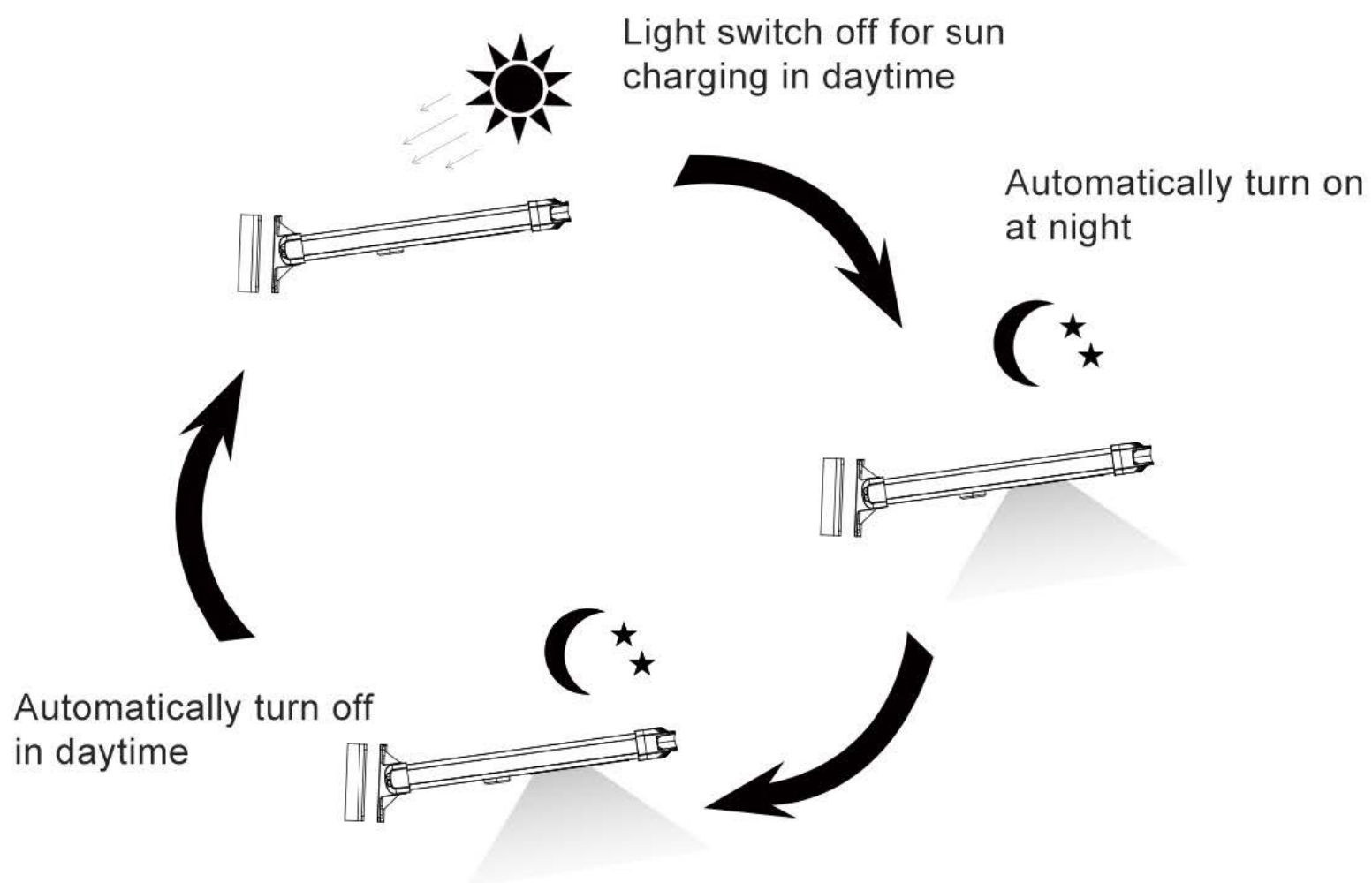No memory effect, highly efficient charge anytime

Good performance at high temperature resistance

Low self-discharge rate < 3% monthly

## Operation Instructions



The internal battery is locked from factory for safety shipment, so users have to use supplied key pin to click "on/off" socket to unlock the battery and lighting system



Light switch off for sun charging in daytime

Automatically turn on at night

Automatically turn off in daytime

# Parameters

| Model | M2-10W | M2-20W | M2-30W | M2-50W | M2-80W |
|---|---|---|---|---|---|
| Li-ion Battery | 72WH | 144WH | 252WH | 360WH | 480WH |
| Solar Panel(High efficiency mono) | 12W | 25W | 35W | 60W | 80W |
| LED Qty | 24pcs | 48pcs | 72pcs | 72pcs | 96pcs |
| Luminous Flux | 1000lm | 2000lm | 3000lm | 5000lm | 8000lm |
| LED Chip | Bridgelux | | | | |
| Solar Charging Time | 9-10 hours by bright sunlight | | | | |
| Lighting time | Over 3 nights | | | | |
| Install height | 2.5-3m | 3-4m | 4-5m | 4-6m | 6-8m |
| Sensor Time | 30s(adjustable) | | | | |
| Waterproof | Ip65 | | | | |
| Material | Die-cast aluminum | | | | |
| Work temperature | −25 to 65 | | | | |
| Lifetime | ≥50000hours | | | | |
| Lighting Mode | Customized(Light control+PIR motion sensor+Remote Control) | | | | |

# Dimension

| | length(mm) | width(mm) | thickness(mm) |
|---|---|---|---|
| 10W | 505 | 227 | 164 |
| 20W | 808 | 227 | 164 |
| 30W | 1098 | 227 | 164 |
| 50W | 1553 | 420.5 | 224.5 |
| 80W | 1933 | 420.5 | 224.5 |

# Package(for lamp)

| | length(mm) | width(mm) | Height(mm) | G.W/CTNS(KG) |
|---|---|---|---|---|
| 10W | 600 | 310 | 210 | 4.3 |
| 20W | 920 | 310 | 210 | 7 |
| 30W | 1160 | 310 | 210 | 10 |
| 50W | 1650 | 290 | 150 | 13 |
| 80W | 2030 | 290 | 150 | 16 |

# Package(for bracket)

| | length(mm) | width(mm) | Height(mm) | G.W/CTNS(KG) |
|---|---|---|---|---|
| 50W | 640 | 120 | 380 | 4 |
| 80W | 640 | 120 | 380 | 4 |