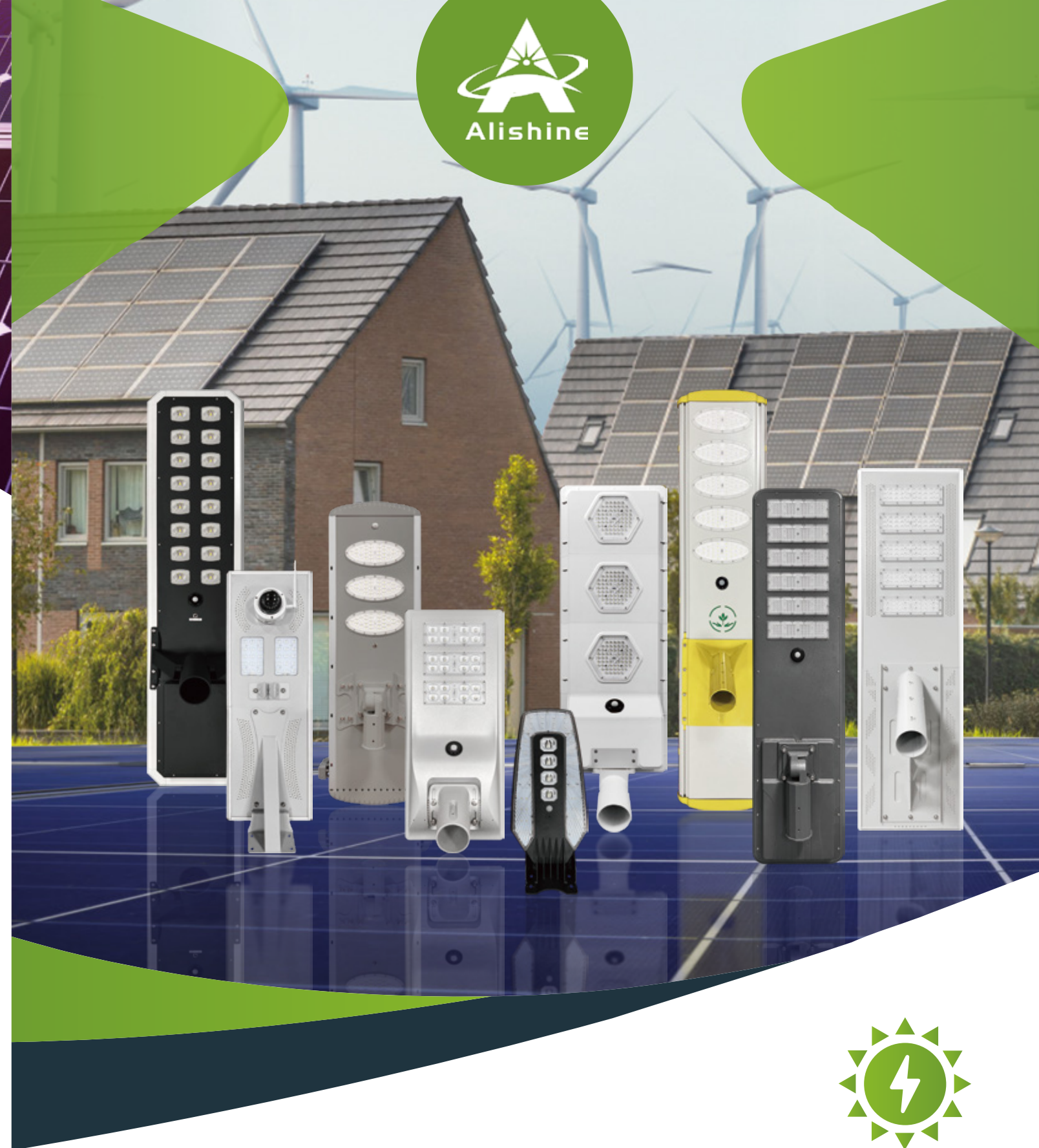# Alishine

Always shining the way forward

Shenzhen Alishine Energy Technology CO., Ltd.

1A-802,Huaqiang Creative Park,Feng'en Road,Guangming District,Shenzhen 518000,P.R.China

Solar Street Lights

Product Manual
2024

www.alisolarlight.com   www.alishine.net   www.alisolarenergy.com

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Organized
Details
Service

Alishine Profile

ALISHINE was started in 2004 with a mission to drive clean energy moving forward in the world by providing alternative energy solutions for city light, commercial applications, and residential. Our goal is to enhance the shift to renewable energy by providing all-in-one Solar solutions to our customers from design to installation.

We pride ourselves on providing high-efficiency solar products that come with safe design and comprehensive warranties. We ensure dedicated customer support at each step of solar power projects to make clean energy accessible for all.

We partner with businesses to customize innovative power and sustainability solutions that are informed by our years of experience as market leaders. And we work diligently to stay ahead of an ever-evolving energy climate with rising demands.

With the superior production processes, professional engineering team, and industry-leading technologies, along with ALISHINE global teamwork, ALISHINE is committed to providing the most comprehensive, efficient, and professional solutions and services to the world.

ALISHINE is one of only a few companies worldwide that fully develops and manufactures the completely solar-powered street lights ensuring total control over product development, quality, and testing. With more than 18 years of experience and advanced technologies, ALISHINE has gradually developed and held dozens of patents for smart solar lighting solutions and processes.

ALISHINE'S purpose is to unlock the extraordinary potential of Sunlight for brighter lives and a better carbon-free world. We achieve this through living our values, innovation, passion for sustainability, and desire to transform people's lives.

In an informal atmosphere, our ambitious Engineers, project developers, QC team, and technicians are working together on sustainable energy projects. It's our innovative and entrepreneurial approach that makes our projects a success.

Renewable energy is here to stay and the market for solar energy is still developing at high speed. We're proud that we're able to make a major contribution to this, and we're brimming with plans to further strengthen our leading position.

From the illumination of private paths, public areas, parking lots, and highways to active LED roadway delineation marking systems – ALISHINE provides quality innovative solutions that are built to last and surpass expectations.

Engineering designs and solutions to every aspect of exterior lighting is our commitment. Conservation of the world's energy by the implementation of "green" concepts through out is our goal. Combining the use of state-of-the-art LED technology along with solar power, we accomplish our mission successfully.

We Believe
The time for solar lighting is now the power of the sun is undeniable. So is the power of solar lighting. We bring it to new places, projects, and people—so that everyone can see their part of the world in a new light. We bring reliable light to the streets where we live. We keep parking lots and roadways safe at work. We ensure that playgrounds, parks, pathways, and other recreational public spaces are safe and accessible. We help communities reduce their reliance on the grid, so they can be more resilient and sustainable. And we help reduce the world's reliance on fossil fuels, lowering pollution and environmental impact.

We Are
The right choice for solar energy products.

COMPANY ACHIEVEMENTS

22+
Industry Experience

150+
Employees

4500+
Square meters workshop

10+
Experienced R&D engineer

OEM & ODM

Sales Annual 80 million

ISO9001

Patented molds

STRATEGIC PARTNERS

LG   BAK   LONGi   BRIDGELUX

CERTIFICATE

CE   RoHS   ISO   IP65   UL LISTED   ETL Intertek   FC   SON

Milestone

2014
The company changed its name to Alishine and adjusted its product line to focus on solar street lights.

2015
The company moved to a new factory with an area of 1,500 square meters.

2016
The company's annual sales exceeded 3 million, and a branch company PHILIPPINES ALISHINE ENERGY TECHNOLOGY CORP was established in the Philippines.

2017
Qualified by ISO9001 and CE. Invested 1 million to participate in the solar panel module factory in Bao'an District, Shenzhen city.

2018
The company moved to a Xinjianxing Science & Technology Park with an area of 3,000 square meters; and invested 1.5 million yuan to participate in the Li-Battery pack factory in Dongguan city.

2019
The company's annual sales exceeded 8 million. Launched two private model series of Solar street light Nox and Thor series.

2020
Launched 1 private model series Solar street light AL-Athena, and branch company ALISHINE ENERGY TECHNOLOGY (MALAYSIA) SDN.BHD

2021
The company's annua sales exceeded 12 million yuan and launched 1 private model series AL-Balder.

2022
Discover new cooperation models,stabilize high-quality customers,and develop long-term cooperative relationships.

2023
Go out to visit customers, and take orders.

BK Series

BK Series

60W / 80W / 100W / 120W

- Private & Strong Aluminum die-casting housing.
- Modular design and lightweight.
- Bridgelux 3030.
- PIR motion sensor.
- IP65.

Item number	AL-BK-60	AL-BK-80	AL-BK-100	AL-BK-120
Power	60W	80W	100W	120W
Light source		Bridgelux 3030		
CCT		2700-6500K		
Material		Aluminium		
Charging Time		6-7 hours		
Working temp		-20°C-70°C		
IP rating		IP65		
Lighting Mode		3 lighting mode for option, 12 hours lighting per night		
Product size (mm)	870.5*377.5*63	1050.5*377.5*63	1370.5*377.5*63	1520.5*377.5*63
Exp lifespan		50,000h		

Solar panel

LED & Lens

PIR motion sensor

Switch

Adjustable sleeve

Battery

BK Series

Patented Integrated Solar Street Lights

Private mold, thick aluminum and stronger structure, 3030 high brightness led, maximize safety and luminaire performance, easy to match the requirements from 5-12m height case.

Thor Series

40W / 60W / 80W / 100W / 120W

- Private & Strong Aluminum die-casting housing.
- Available for IoT devices, the CCTV camera.
- Bridgelux 5050.
- PIR motion sensor.
- IP65.

Item number	AL-Thor-40	AL-Thor-60	AL-Thor-80	AL-Thor-100	AL-Thor-120
Power	40W	60W	80W	100W	120W
Light source	Bridgelux 5050				
CCT	2700-6500K				
Material	Aluminium				
Charging Time	6-7 hours				
Working temp	-20°C-70°C				
IP rating	IP65				
Lighting Mode	3 lighting mode for option, 12 hours lighting per night				
Product size (mm)	916*362.5*162	1096*362.5*162	1416*362.5*162	1566*362.5*328	1726*362.5*328
Exp lifespan	50,000h				

PIR motion sensor

Solar Panel

Fixing Screws

Fixing Screws

LED & Lens

Aluminum Alloy Arm

Thor Series

Patented Integrated Solar Street Lights

Private mold, thick aluminum and stronger structure, 5050 high brightness led, maximize safety and luminaire performance, easy to match the requirements from 6-12m height case.
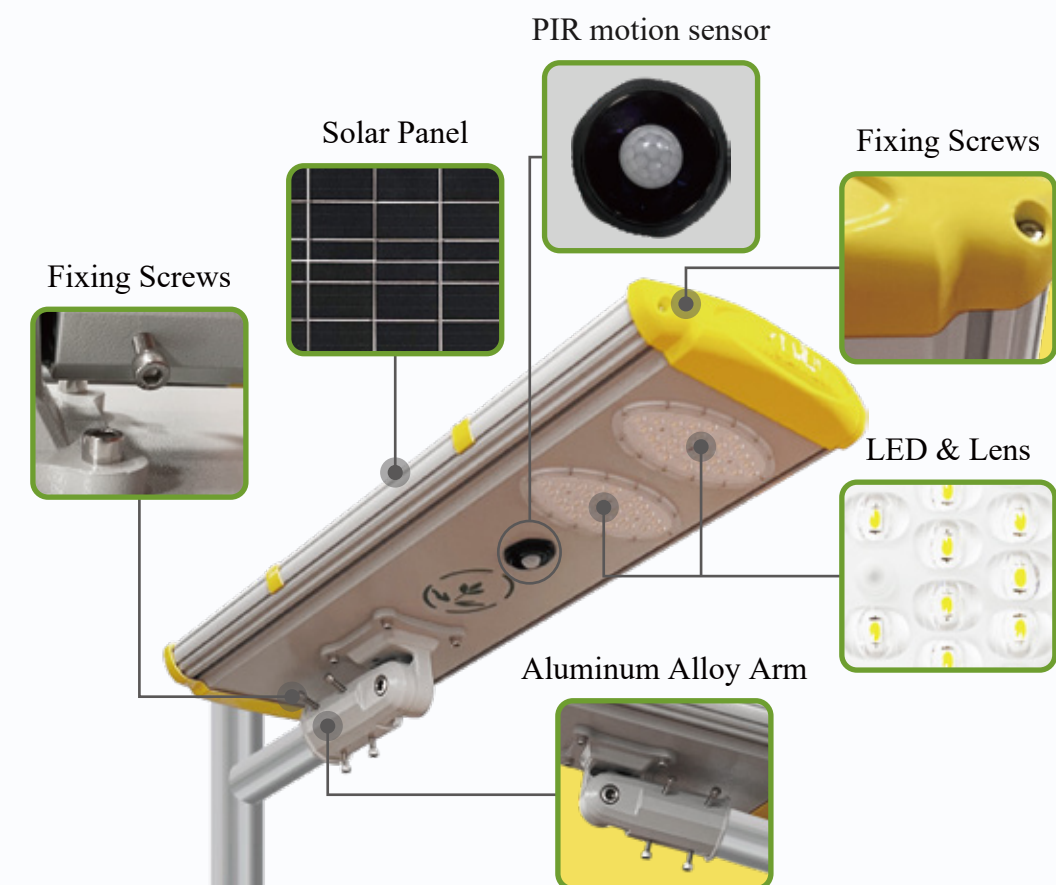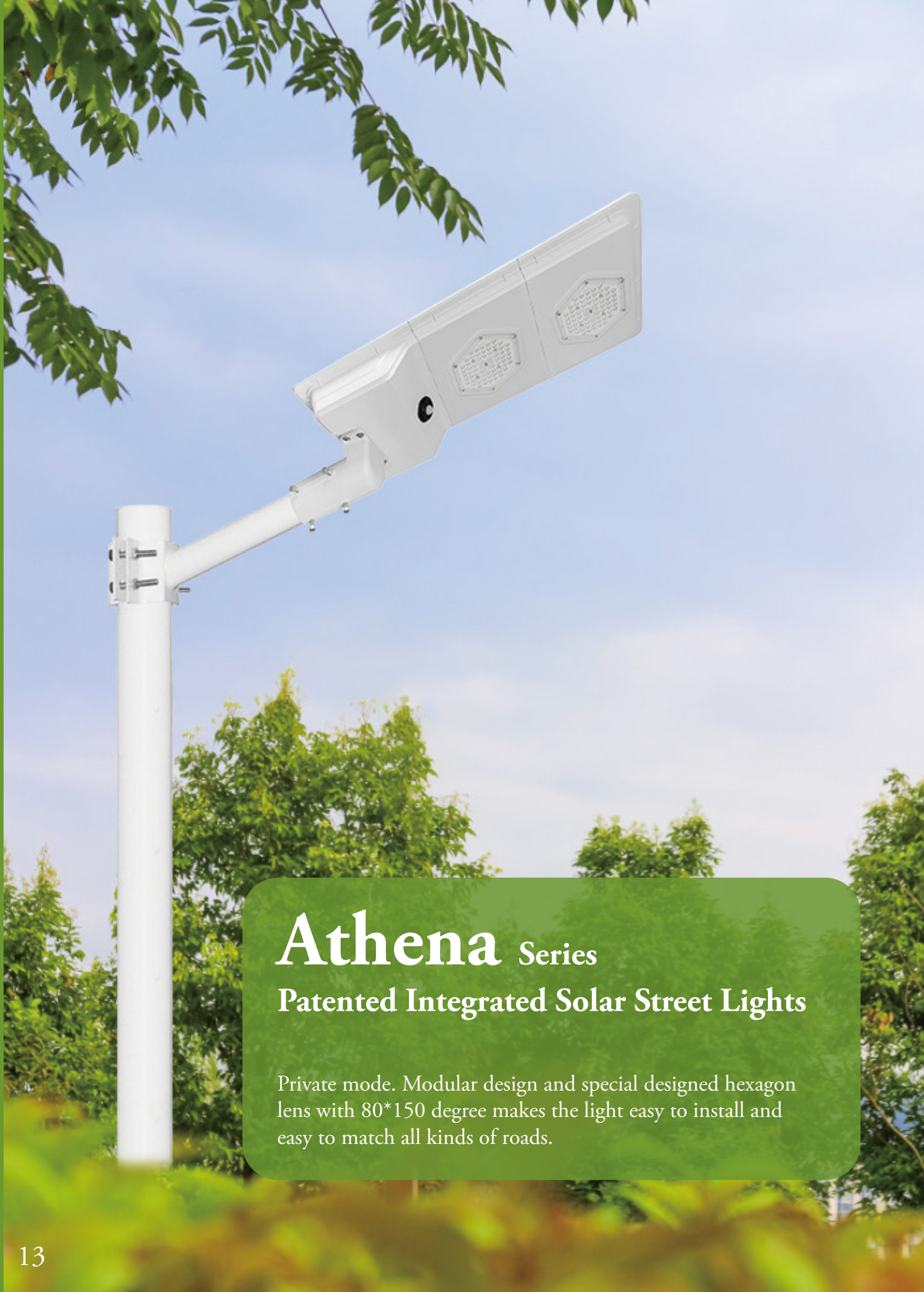
Athena Series

60W / 120W / 180W

- Private & Aluminum die-casting housing.
- Modular design and lightweight.
- Bridgelux 3030.
- Black & White color optional.
- PIR motion sensor.
- IP65.

Item number	AL-Athena-60	AL-Athena-120	AL-Athena-180
Power	60W	120W	180W
Light source		Bridgelux 3030	
CCT		2700-6500K	
Material		Aluminium	
Charging Time		6-7 hours	
Working temp		-20°C~70°C	
IP rating		IP65	
Lighting Mode		3 lighting mode for option, 12 hours lighting per night	
Product size (mm)	531*366*92.8	768*366*92.8	1006*366*92.8
Exp lifespan		50,000h	

Solar Panel

PIR motion sensor

LED & Lens

Aluminum Alloy Arm

Fixing Screws

Battery

Athena Series

Patented Integrated Solar Street Lights

Private mode. Modular design and special designed hexagon lens with 80*150 degree makes the light easy to install and easy to match all kinds of roads.
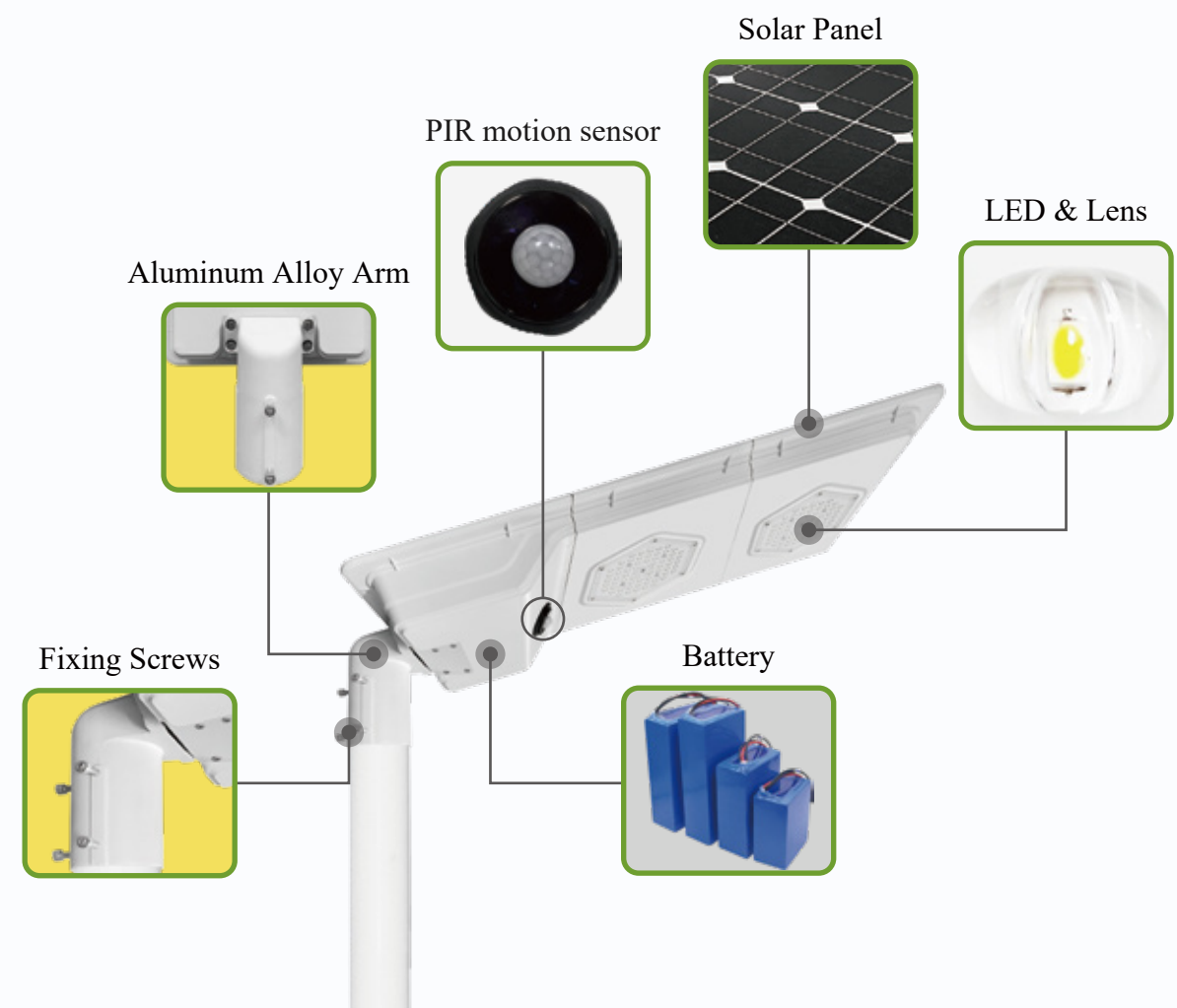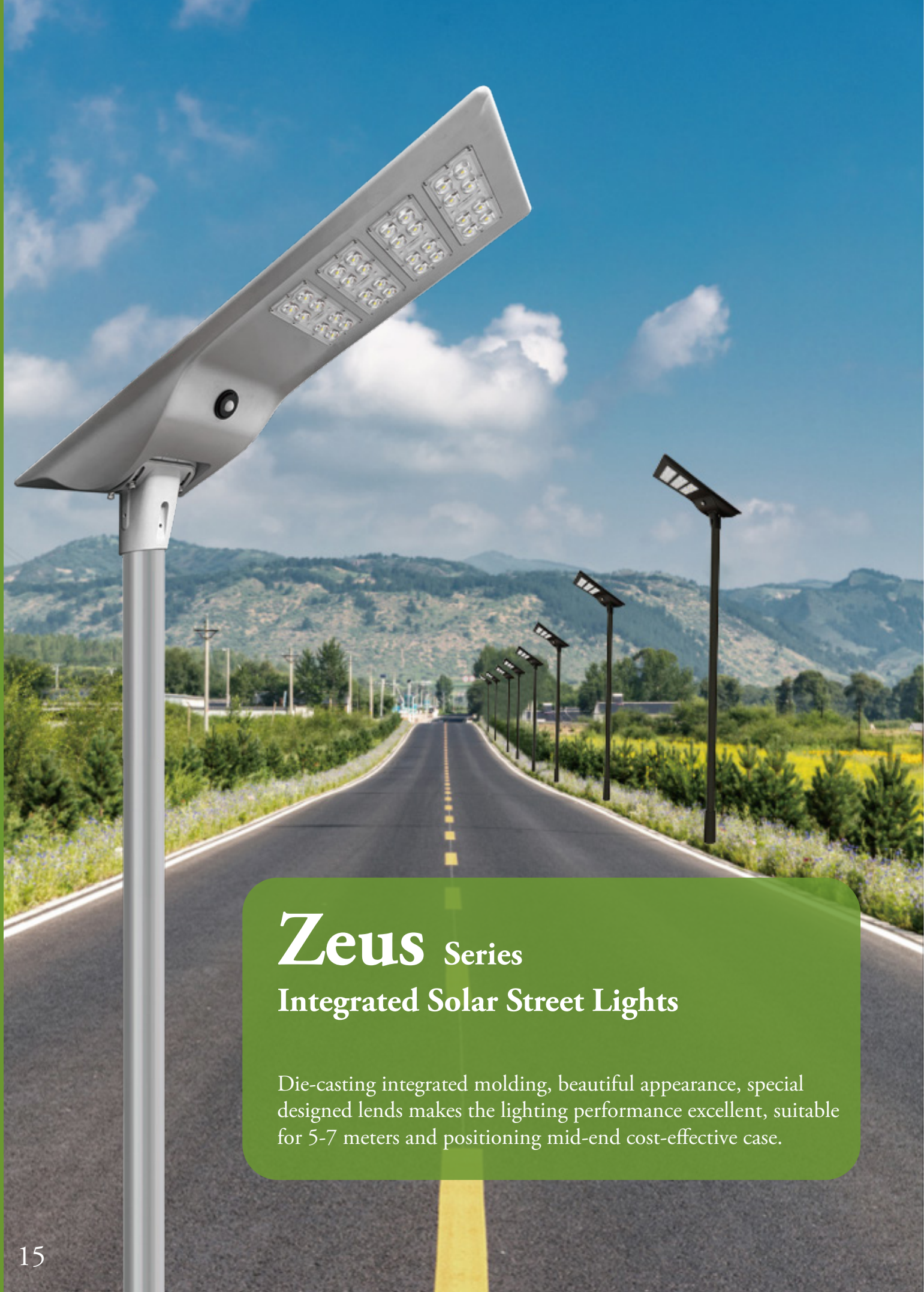
Zeus Series
30W / 45W / 60W

- Black & Silver color optional.
- Updated lens, wider angle, and higher transparency.
- Bridgelux 5050.
- PIR motion sensor.
- IP65.

Item number	AL-Zeus-30	AL-Zeus-45	AL-Zeus-60
Power	30W	45W	60W
Light source		Bridgelux 5050	
CCT		2700-6500K	
Material		Aluminium	
Charging Time		6-7 hours	
Working temp		-20°C-70°C	
IP rating		IP65	
Lighting Mode		3 lighting mode for option, 12 hours lighting per night	
Product size (mm)	697*361*209	846*361*209	1096*361*209
Exp lifespan		50,000h	

Solar panel

LED & Lens

PIR motion sensor

Adjustable sleeve

Zeus Series
Integrated Solar Street Lights

Die-casting integrated molding, beautiful appearance, special designed lends makes the lighting performance excellent, suitable for 5-7 meters and positioning mid-end cost-effective case.
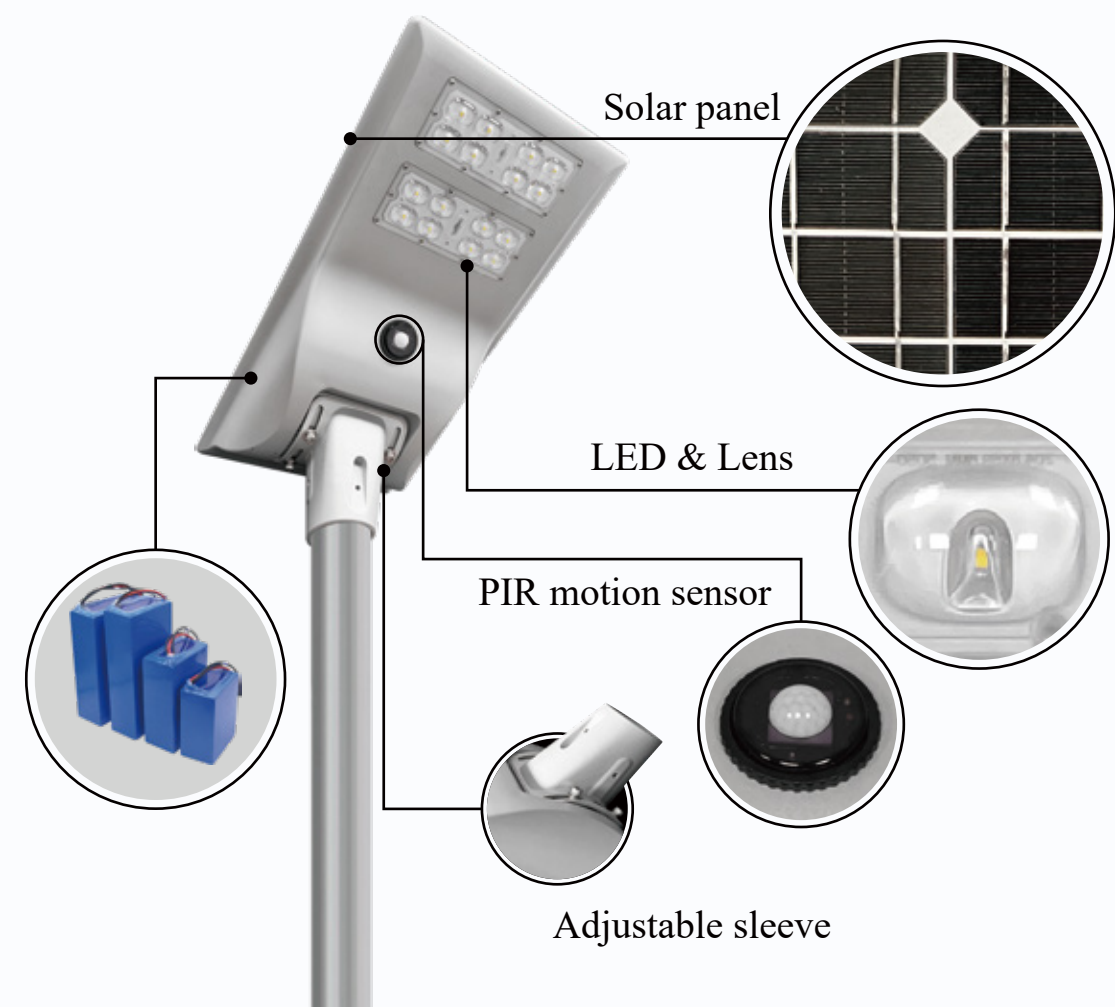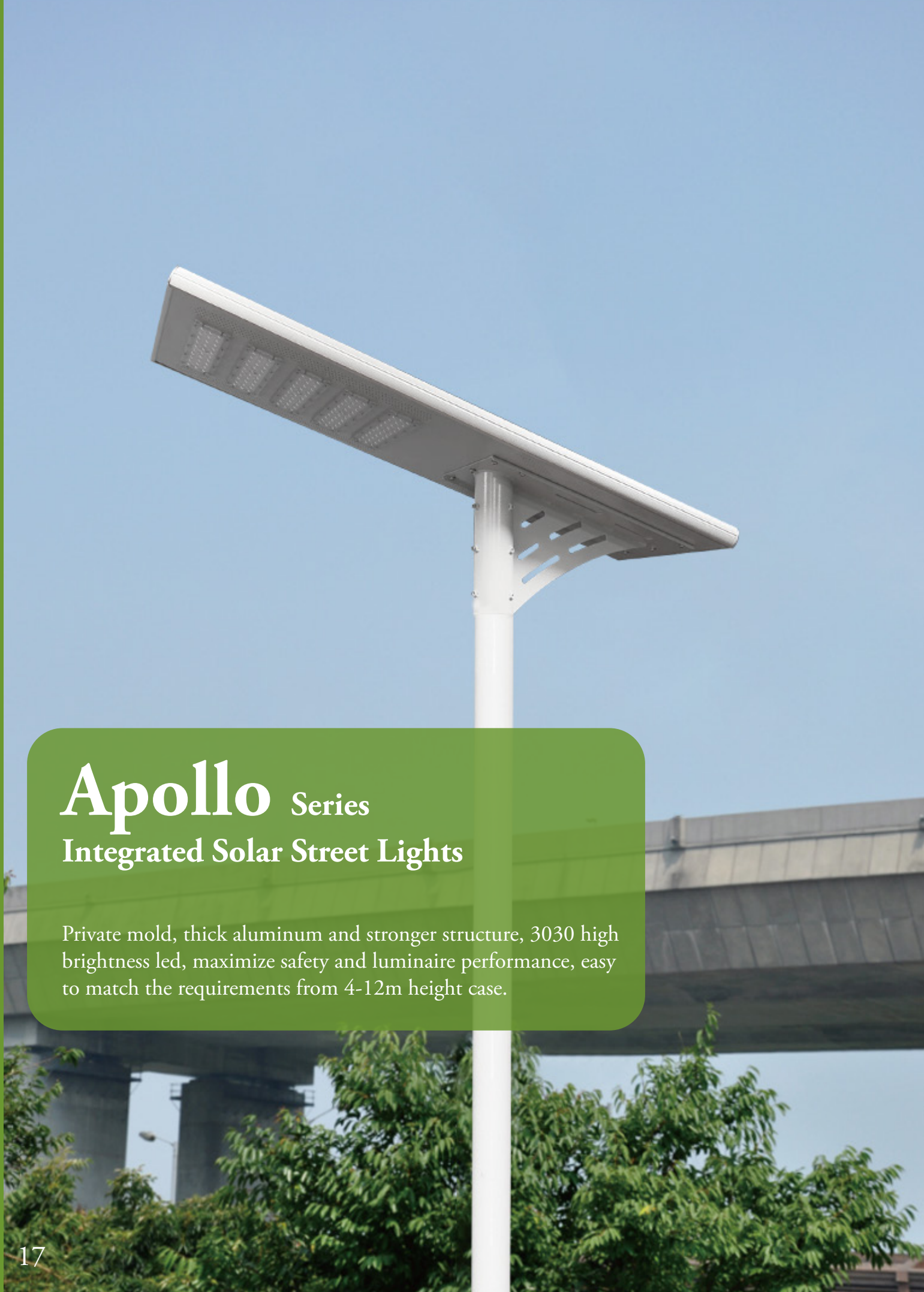
Apollo Series
Integrated Solar Street Lights

Private mold, thick aluminum and stronger structure, 3030 high brightness led, maximize safety and luminaire performance, easy to match the requirements from 4-12m height case.
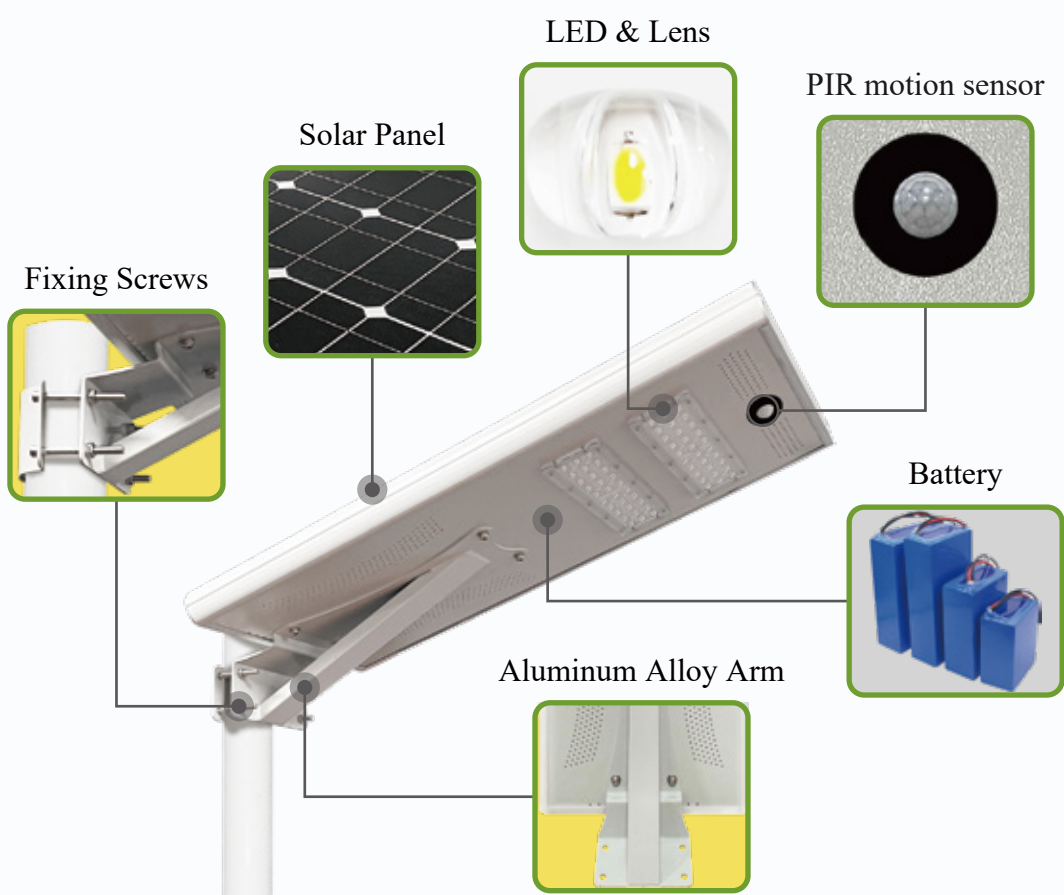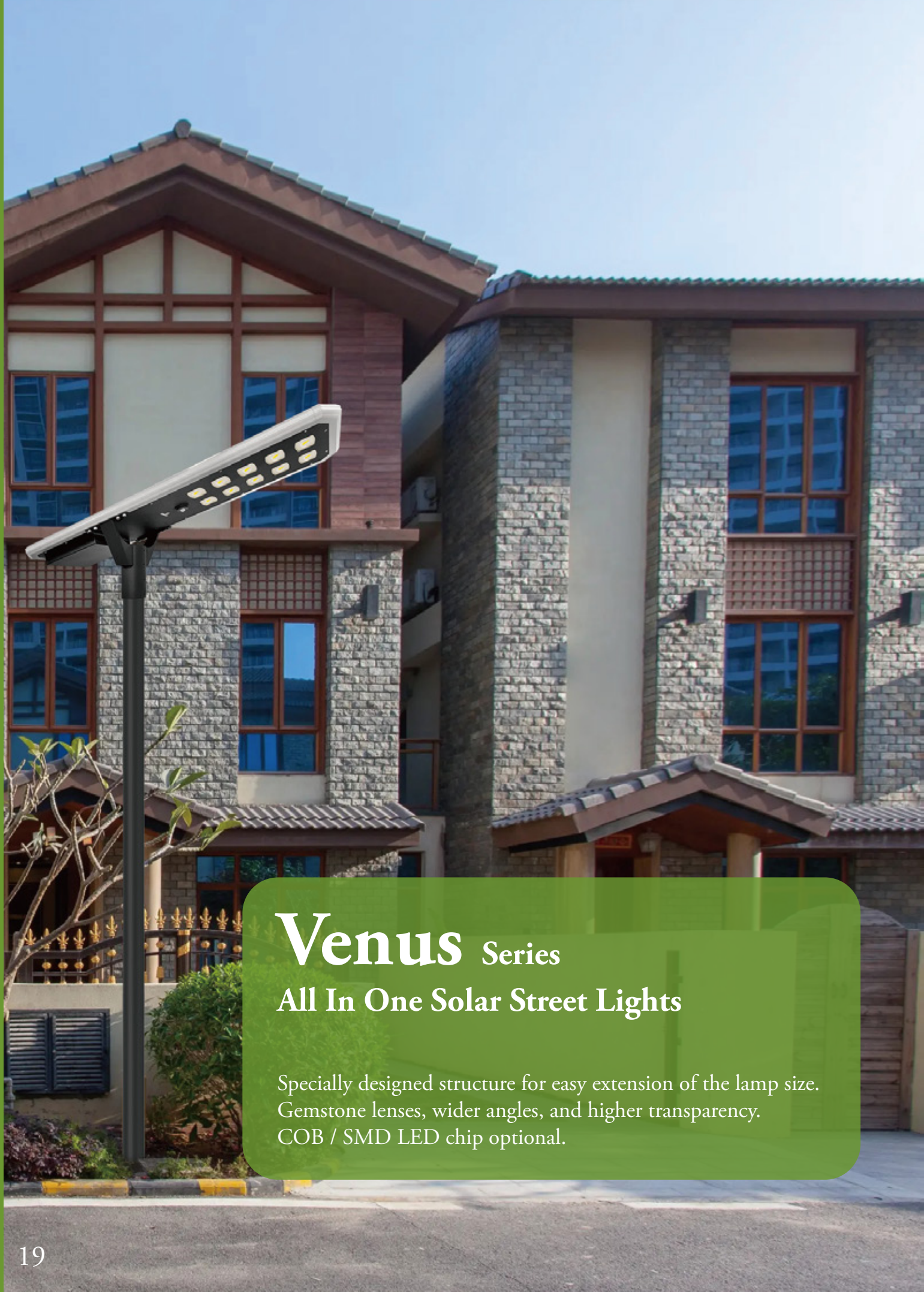
Apollo Series
40W / 60W / 80W / 100W / 120W / 150W / 180W

- Classic street light style suitable for all applications.
- Updated lens, wider angle, and higher transparency.
- Bridgelux 3030.
- PIR motion sensor.
- IP65.

Item number	AL-Apollo-40	AL-Apollo-60	AL-Apollo-80	AL-Apollo-100	AL-Apollo-120	AL-Apollo-150	AL-Apollo-180
Power	40W	60W	80W	100W	120W	150W	180W
Light source				Bridgelux 3030			
CCT				2700-6500K			
Material				Aluminium			
Charging Time				6-7 hours			
Working temp				-20°C~70°C			
IP rating				IP65			
Lighting Mode				3 lighting mode for option, 12 hours lighting per night			
Product size (mm)	680*360*50	830*360*50	1056*358*50	1136*420*50	1469*420*395	1408*552*50	1830*560*50
Exp lifespan				50,000h			

LED & Lens

Solar Panel

PIR motion sensor

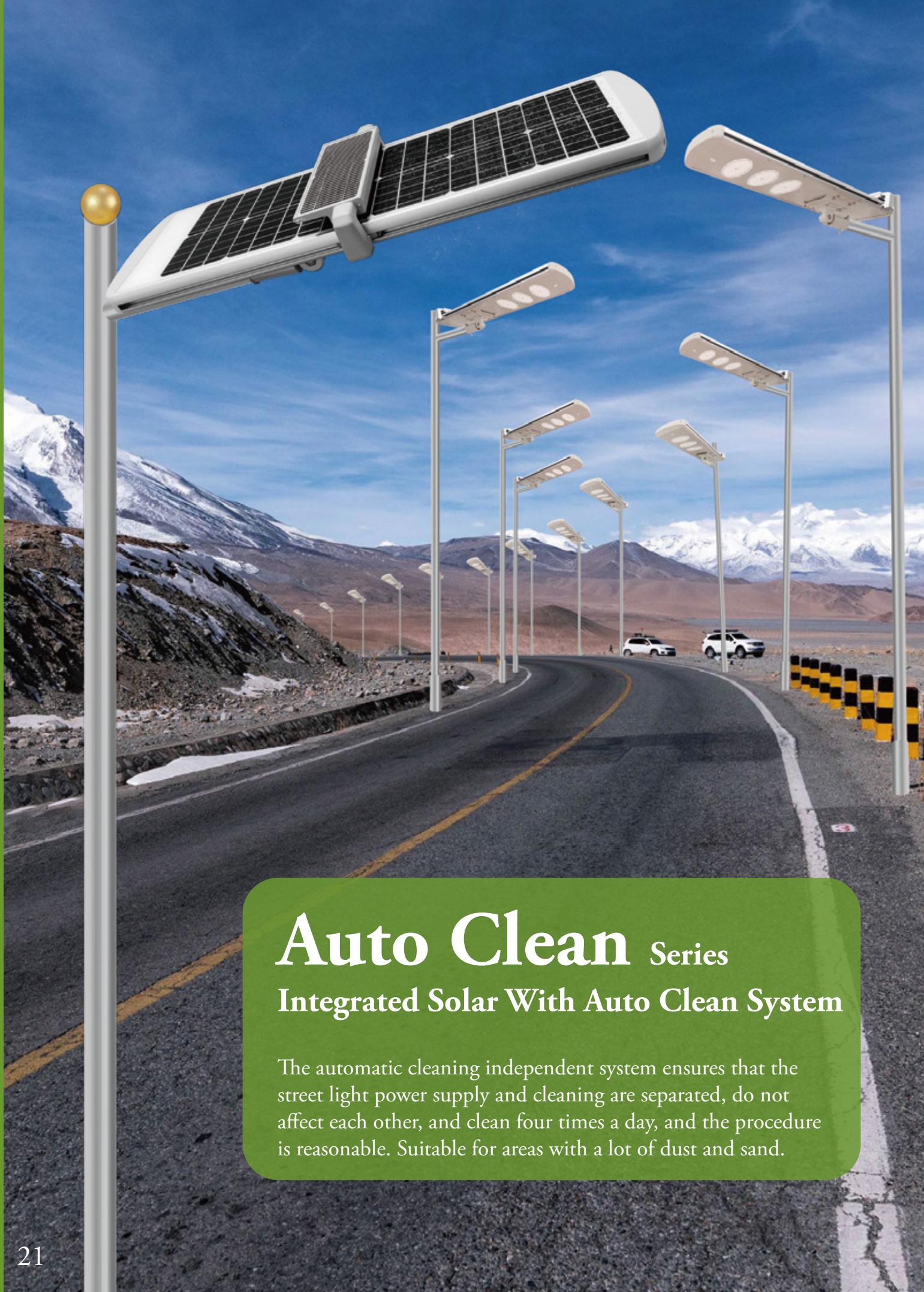Fixing Screws

Battery

Aluminum Alloy Arm

Venus Series

60W / 80W / 100W / 120W / 150W

- Modern designed housing.
- Specially designed structure for easy extension of the lamp size.
- Gemstone lenses, wider angles, and higher transparency.
- COB / SMD LED chip optional.
- More power optional.

Item number	AL-Venus-60	AL-Venus-80	AL-Venus-100	AL-Venus-120	AL-Venus-150
Power	60W	80W	100W	120W	150W
Light source			Bridgelux 3030		
CCT			2700-6500K		
Material			Aluminium		
Charging Time			6-7 hours		
Working temp			-20°C-70°C		
IP rating			IP65		
Working time			Full charged,12 hours per day, sustain 3-4 rainy days		
Product size (mm)	878*383*84.5	1118*383*84.5	1323*383*84.5	1428*383*84.5	1598*383*84.5
Exp lifespan			50,000h		

Controller

Battery

PIR motion sensor

Solar Panel

Aluminum Alloy Frame

LED & Lens

Mounting Holder

Venus Series

All In One Solar Street Lights

Specially designed structure for easy extension of the lamp size.
Gemstone lenses, wider angles, and higher transparency.
COB / SMD LED chip optional.
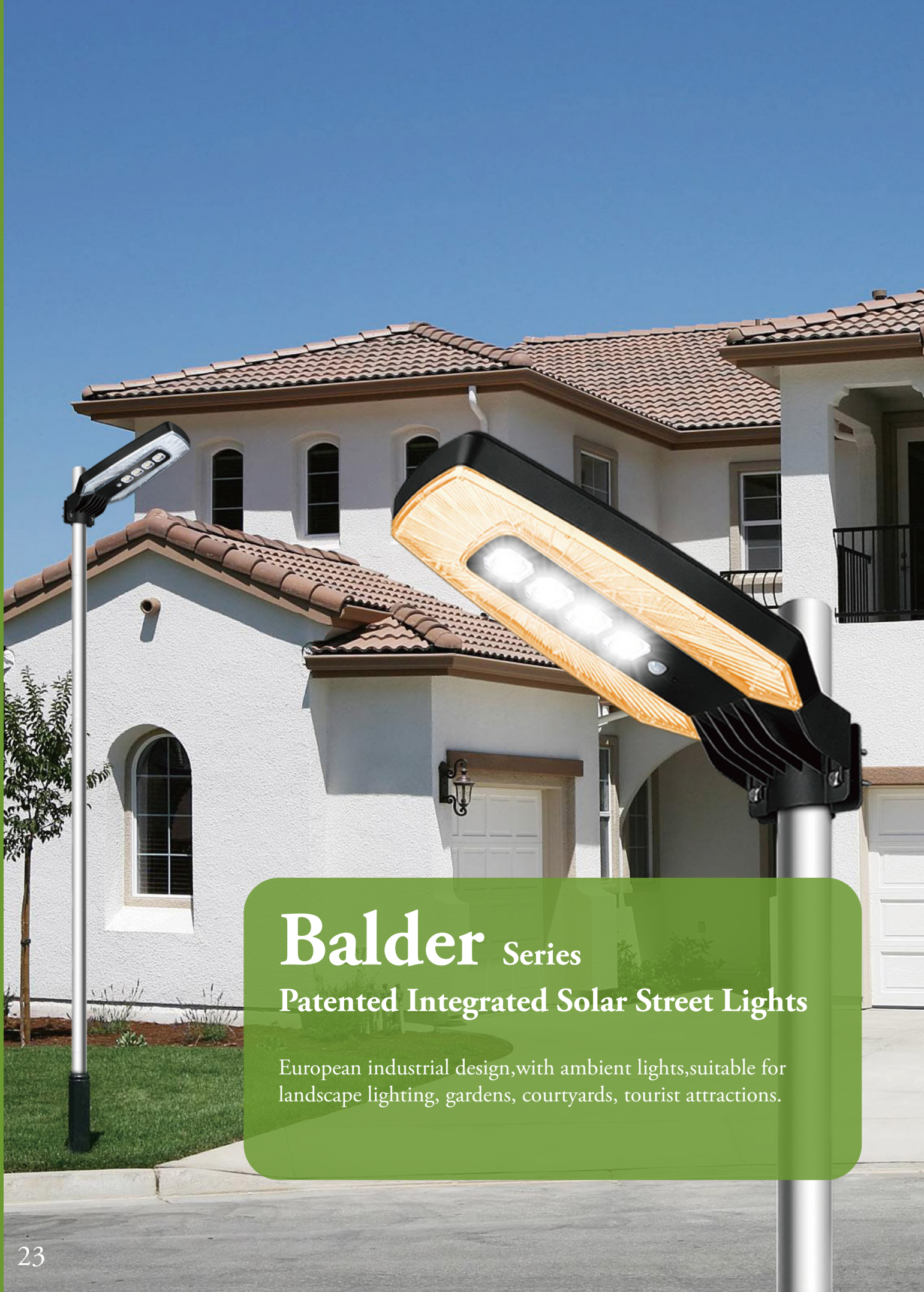
Auto Clean Series

40W / 60W / 80W / 100W

- Private & Strong Aluminum die-dasting housing.
- Separated solar system for auto-clear device.
- Smart and auto-running clear device.
- PIR motion sensor.
- IP65.
- Bridgelux 5050.

Item number	AL-Auto Clean-40	AL-Auto Clean-60	AL-Auto Clean-80	AL-Auto Clean-100
Power	40W	60W	80W	100W
Light source	Bridgelux 5050			
CCT	2700-6500K			
Material	Aluminium			
Charging Time	6-7 hours			
Working temp	-20°C~70°C			
IP rating	IP65			
Lighting Mode	3 lighting mode for option, 12 hours lighting per night			
Product size (mm)	990*455*125	1230*455*125	1540*455*125	1860*455*125
Exp lifespan	50,000h			

Auto Clean Series
Integrated Solar With Auto Clean System

The automatic cleaning independent system ensures that the street light power supply and cleaning are separated, do not affect each other, and clean four times a day, and the procedure is reasonable. Suitable for areas with a lot of dust and sand.

Cleaning brush

Solar Panel

Inner rail design

Battery

LED Light Switch

PIR motion sensor

Aluminum Alloy Arm

LED & Lens

Balder Series

Patented Integrated Solar Street Lights

European industrial design,with ambient lights,suitable for landscape lighting, gardens, courtyards, tourist attractions.
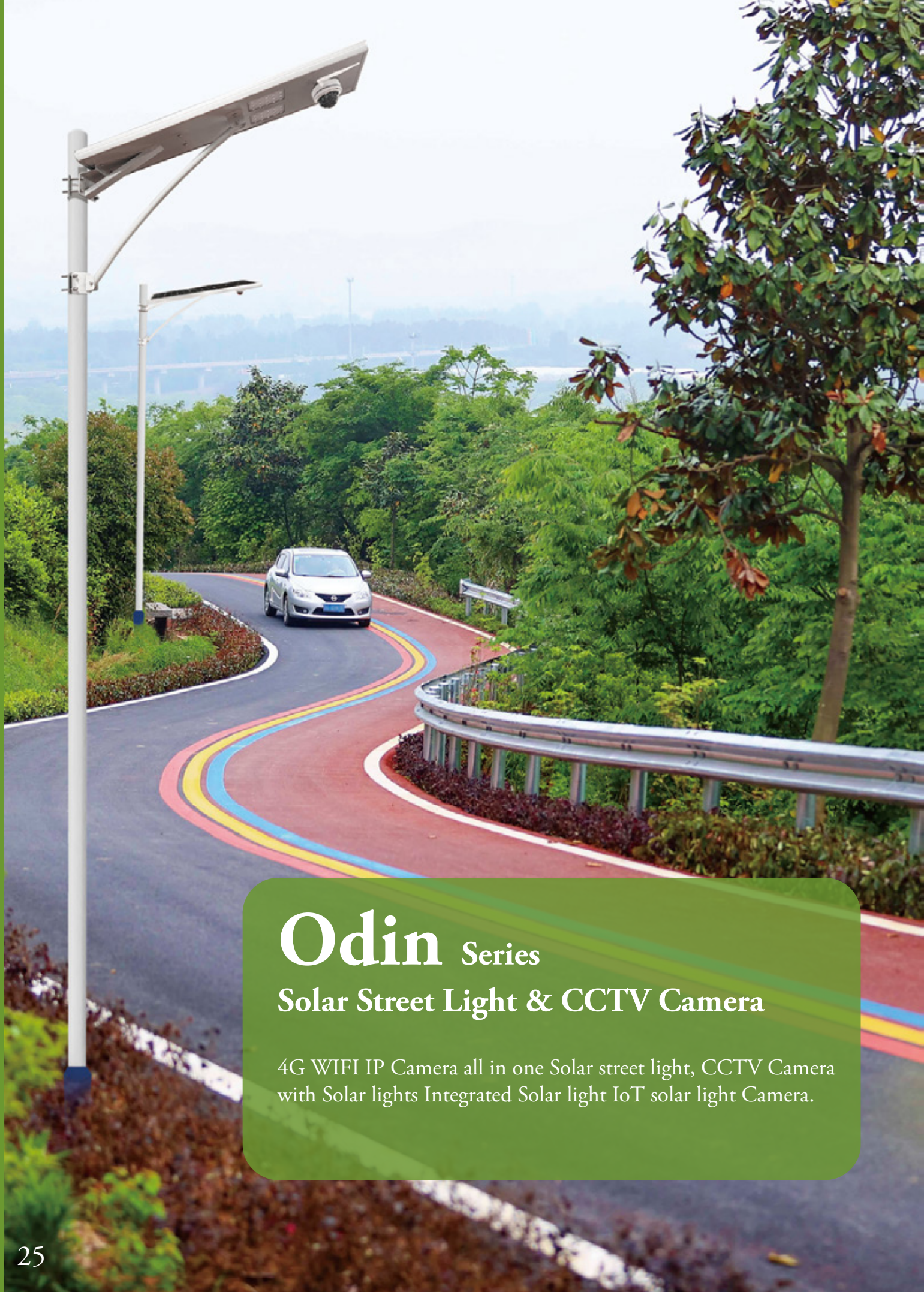
Balder Series

12W / 24W

- First solar lights with ambient light in the world.
- Specially designed hexagonal lens.
- Unique decorative lights, colors are available.
- IP65.
- Special housing and lighting design for gardens, courtyards, parks, trails, docks, and other applications.
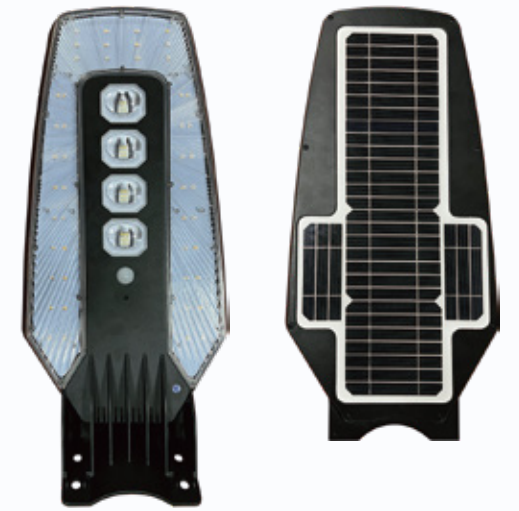
Item number	AL-Balder-12	AL-Balder-24
Power	12W	24W
Light source	Bridgelux 3030	
CCT	2700-6500K	
Material	Aluminium	
Charging Time	6-7 hours	
Working temp	-20℃-70℃	
IP rating	IP65	
Lighting Mode	3 lighting mode for option, 12 hours lighting per night	
Product size (mm)	650*320*60	
Exp lifespan	50,000h	

PIR motion sensor

Bracket

Ambient light

Solar Panel

LED & Lens

Solar Panel

Odin Series

30W & 40W / 50W & 60W / 80W / 100W / 120W

- Integrated solar street light and CCTV camera.
- Available in 4G or WIFI dome camera.
- Classic street light style suitable for all applications.
- Updated lens, wider angle, and higher transparency.
- Bridgelux 3030.
- PIR motion sensor.
- IP65.

Item number	AL-Odin-30	AL-Odin-40	AL-Odin-50	AL-Odin-60	AL-Odin-80	AL-Odin-100	AL-Odin-120
Power	30W	40W	50W	60W	80W	100W	120W
Light source	Bridgelux 3030						
CCT	2700-6500K						
Material	Aluminium						
Charging Time	6-7 hours						
Working temp	-20°C~70°C						
IP rating	IP65						
Lighting Mode	3 lighting mode for option, 12 hours lighting per night						
Product size (mm)	930*320*135	930*320*135	1150*325*135	1150*325*135	1136*420*135	1469*420*45	1469*420*45
Exp lifespan	50,000h						

PTZ Camera

LED & Lens

Solar Panel

Fixing Screws

Battery

Controller

Aluminum Alloy Arm

Odin Series
Solar Street Light & CCTV Camera

4G WIFI IP Camera all in one Solar street light, CCTV Camera with Solar lights Integrated Solar light IoT solar light Camera.

Case

Our Factory