

SOLAR SERIES



VIMALUX

A brighter vision



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SMART CITY

Smart Integrated Internet System

VIMALUX's smart city solution integrates cloud, network and platform technologies to link the whole city smartly and virtually with convenience and effective management. Connect the operations of entire cities, providing information such as waste management, traffic congestion, energy shortages, sewerage system performance, air quality monitoring, and other information to provide governments and citizens safer environment and predictable information and solutions.

PRODUCT FEATURES

- High tech intelligent design infrastructure
- Provide environmental and sustainable development strategies
- Reducing labor and extra cost in the long run
- Find cause of failure as soon as it occurs
- Provide fire and all safety security
- Become the Solid Brain of the whole city

Environmental Monitoring

PM2.5/ Wind/ Temperature/ Humidity/ Noise.

Emergency Info Release

Road Surface Monitoring
Bridge Detection.

Safety Card Help Call

Micro Base Station

Wi-Fi

RFID

Charging Pile

Intrusion Detection

Info Display:

- No Parking.
- Setting up a stall is strictly prohibited.

Emergency Monitoring

Municipal Property Monitoring

Distributive Waterlogging Sensor

Info Display:

-Tunnel Waterlogging,
Please Bypass.



Smart Management Platform for Solar Street Lights

Video surveillance



Smart street lights



Intercom management



Advertising management



Internet of Things

IoT

Environmental monitoring



WiFi management



The screenshot displays the VIMALUX Smart Management Platform interface. On the left, a sidebar contains navigation options: DASHBOARD, MANAGEMENT, ANALYTICS, NOTIFICATIONS, and a language selector. The main content area is divided into two panels. The top panel shows the 'Kalpesh-Test' group with 24 devices and 2 gateways. Below this, a search bar and a 'Switch naming' dropdown are visible. The bottom panel lists various devices, including TVI-GW, TVI-GW-1239, and several FH-LDR and NEMA models. The right panel shows a map of a coastal region with numerous street light locations marked by blue and red icons. A legend on the right side of the map lists the product types and their counts: Gateway (2), Fulham iDriver (5), NightSky (3), SkyLite (6), CitySensePlus (3), SkyLitePlus (7). Below the legend, a 'Status' section shows icons for Fixed level, Scheduling, Dynamic Dimming (20), Override to 100%, No operating mode (6), and Selected. The bottom of the interface includes a 'SIGN OUT' button and a Google logo.

SMART SOLAR POLE LIGHT



Smart Solar Pole Light

- Original Design
- ODM and OEM (Creations Welcomed)
- Intelligent Customized Software



Advantage

- Intelligent Lighting
- SOS Button
- 5G Ready
- Release Information
- Public Broadcasting
- Touching Screen
- Environment & Meteorology
- Video Surveillance

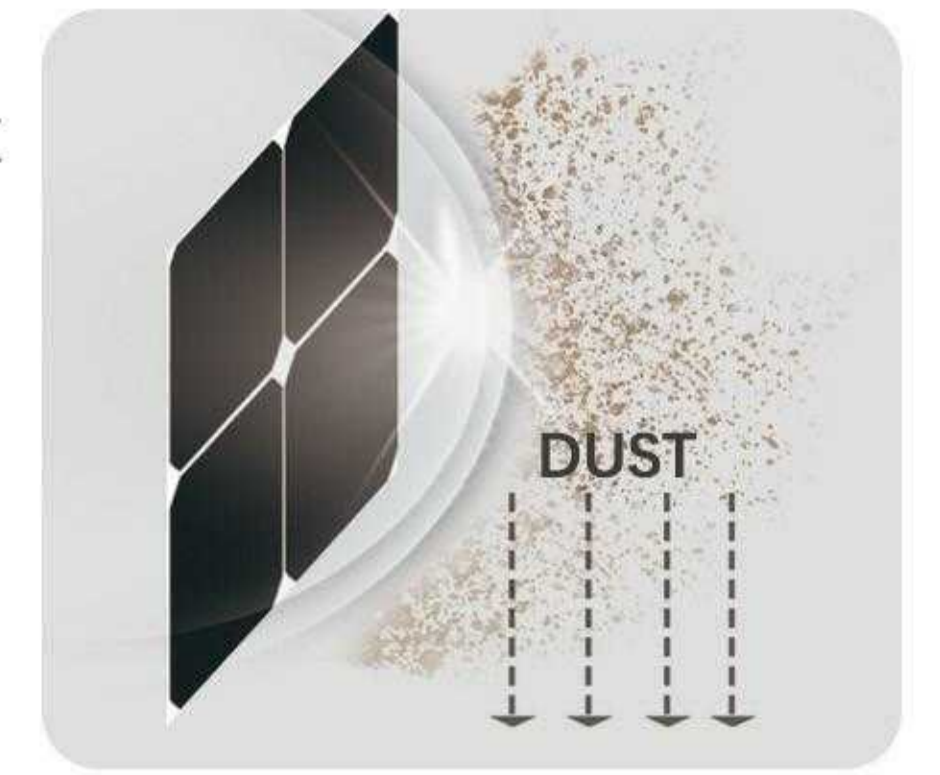
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
Smart Solar Pole	10000LM	160W	6M	18M-20M	126KG

STAND-ALONE SOLAR POLE LIGHT



HELIOS

- Vertical PV system, No dirt and dust
- Modular design, Quick and Easy Installation
- Triangular shape can withstand high wind speed



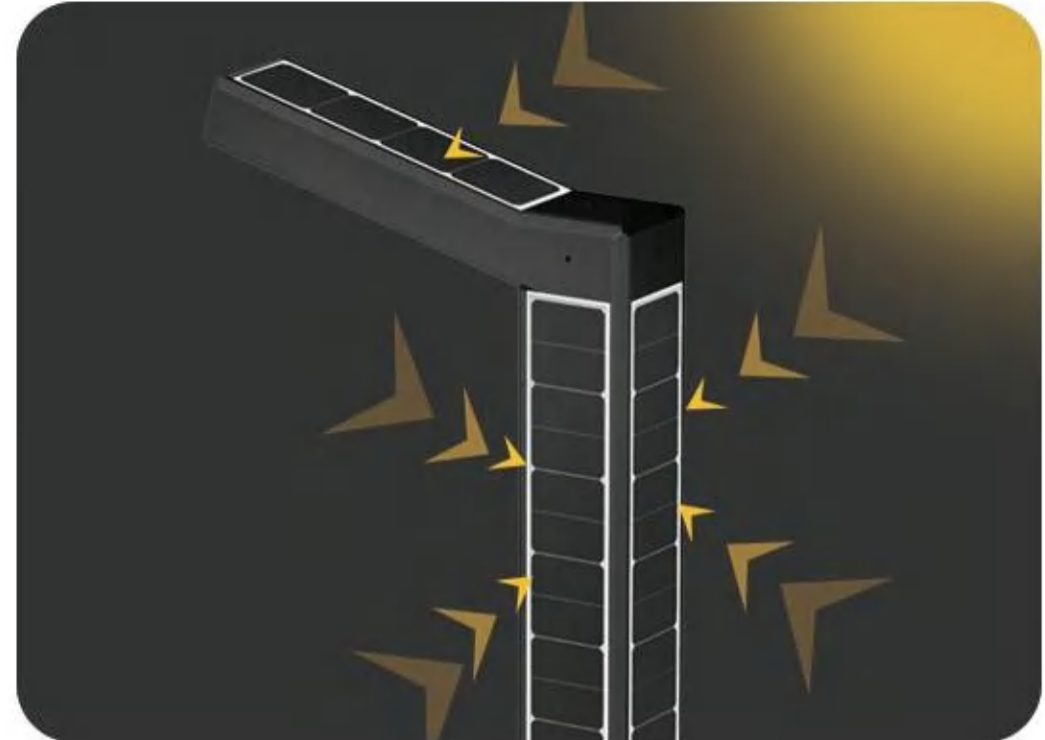
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
H5	10000LM	80W	5M	18M-20M	93.1KG
H6	15000LM	100W	6M	22M-24M	106.6KG
H8	18000LM	200W	8M	30M-32M	126.4KG
H10	24000LM	250W	10M	35M-40M	151.9KG

SOLAR OUTDOOR POLE LIGHT



SQUARE HELIOS

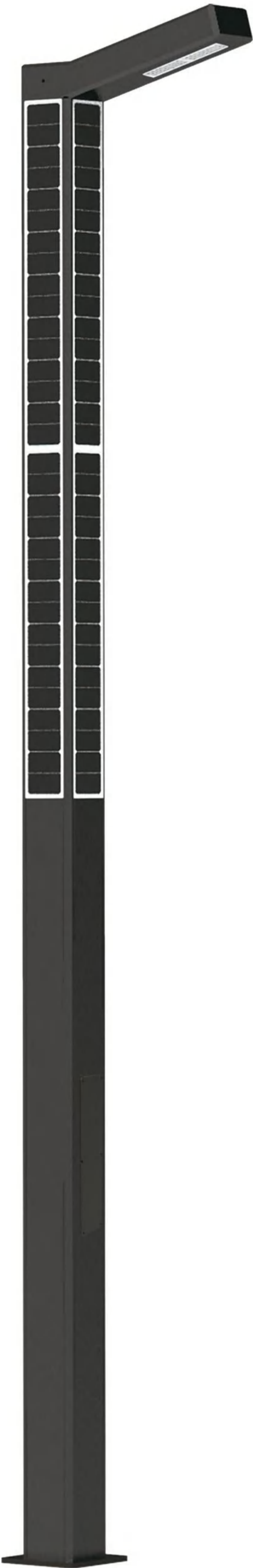
- Lights Stay on All Year Round
- High wind resistance
- European design style



Dustproof (vertical installation)



Battery placed inside pole



Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
Square Helios	10000-12000LM	320W	6M	10M-15M	156KG

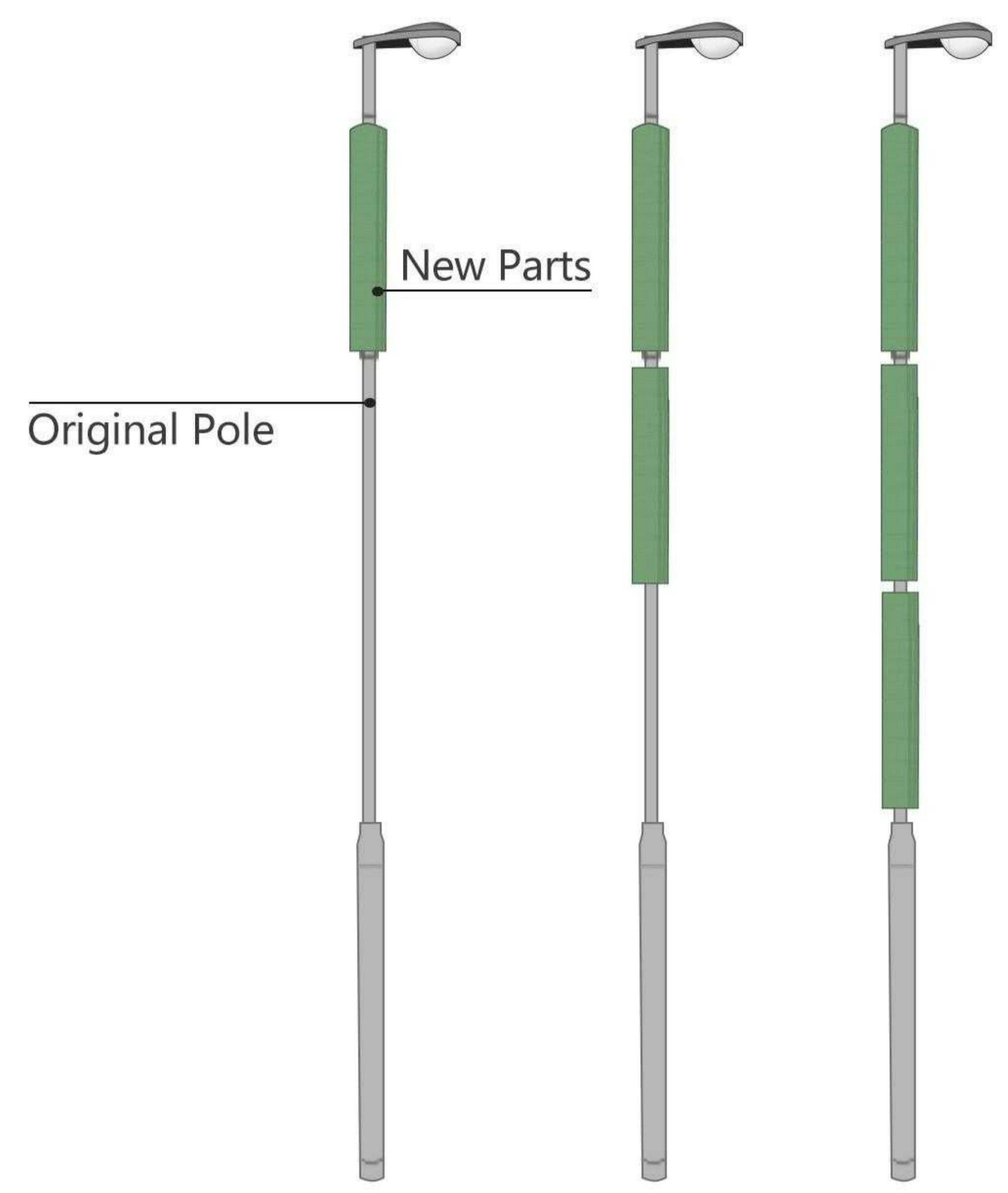
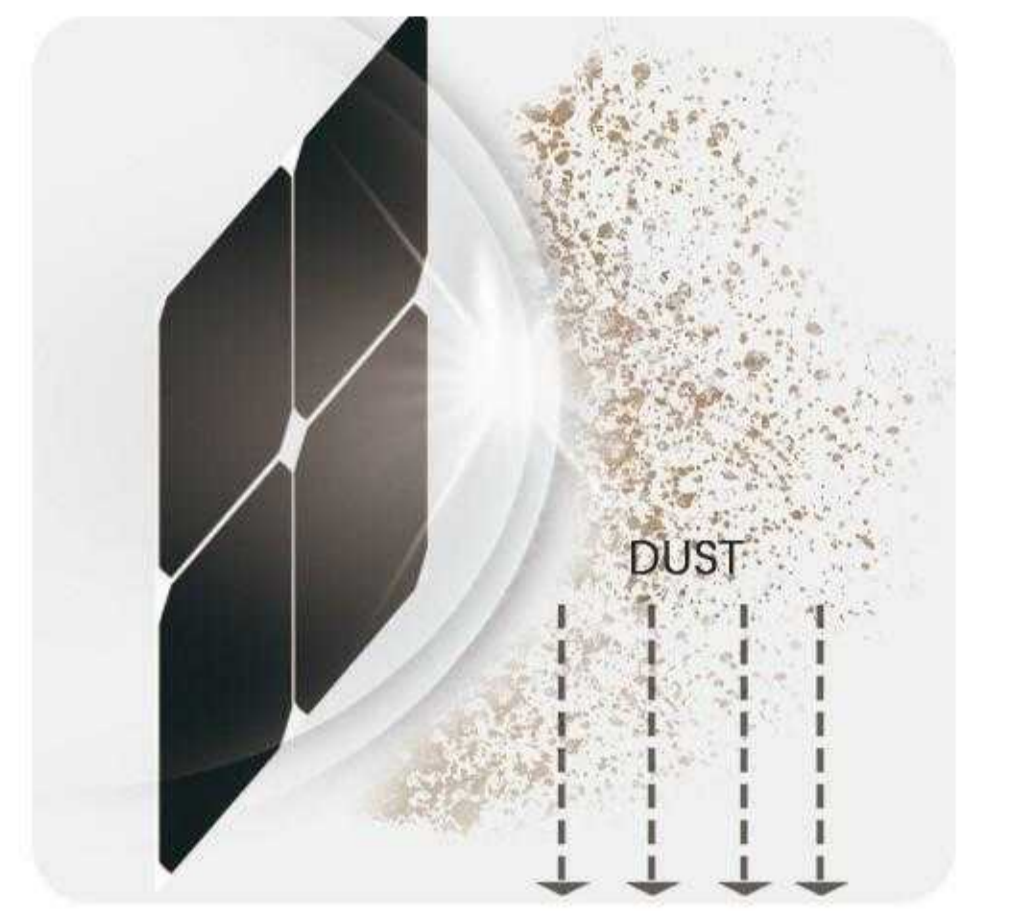
WRAPPING SOLAR SYSTEM



Transformer



- Can be installed directly on the original street light, no need to replace the entire light
- Complementary utility power can be transferred directly to solar supply
- Ensures 50% of solar panel will face to sunshine at any time of the day
- Never snow covering, and easy to clean



- 1 solar panel 170W
- Modular system
- Efficiency(26%)



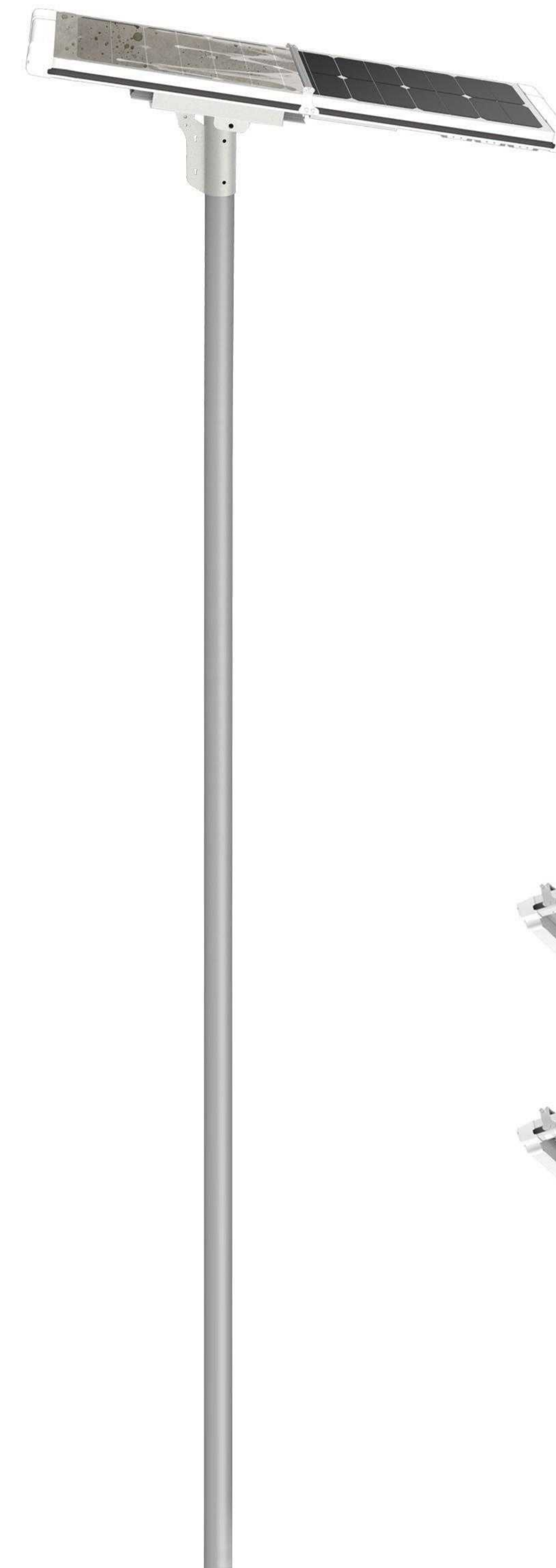
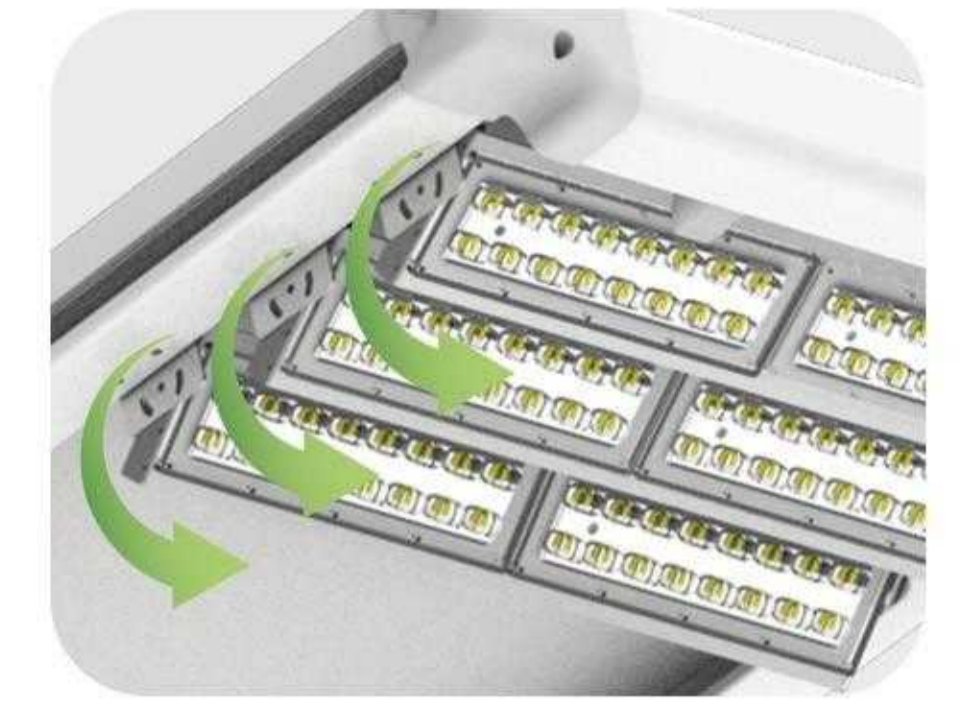
Model NO.	Cell	Power	Net Weight
NM170	182*182(HALF)	170W	18KG

ALL-IN-ONE
SELF-CLEANING
SOLAR STREET LIGHT



EOS (ALL-IN-ONE)

- Self cleaning solar panel
- LED module can be adjustable
- Remote or scheduled cleaning from our IOT system



Auto-cleaning



Reverse direction mounting



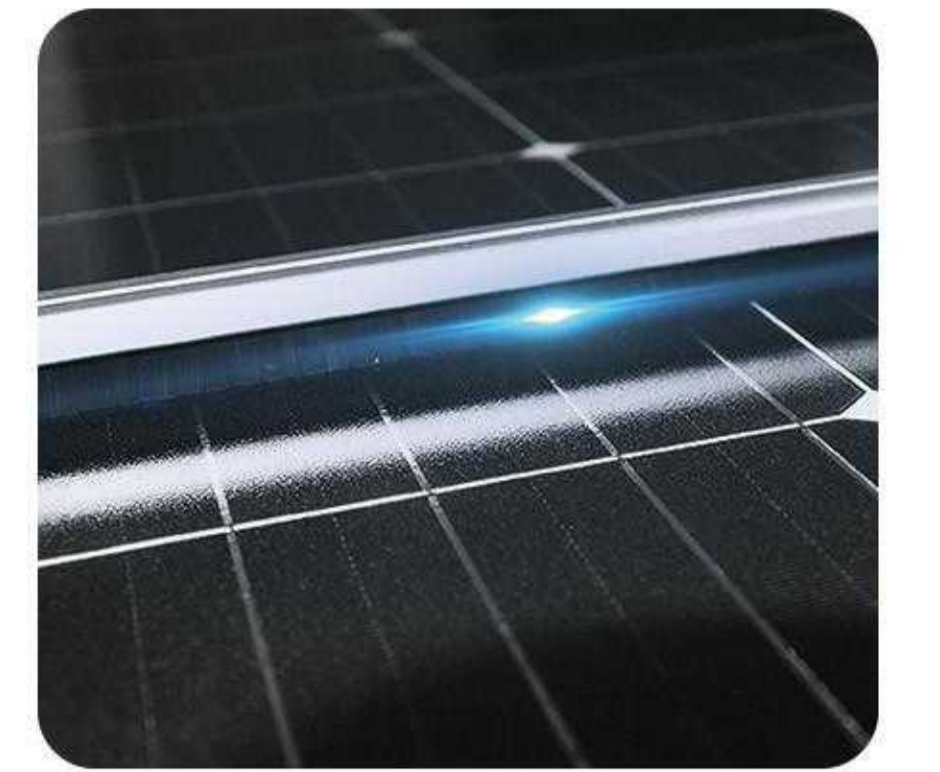
Can be illuminated from both ends

Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
EOS-120W	10000LM	120W	8M-10M	20M-28M	19KG
EOS-200W	21000LM	200W	15M-20M	28M-36M	28KG

ALL-IN-TWO SELF-CLEANING SOLAR STREET LIGHT



EOS (ALL-IN-TWO)



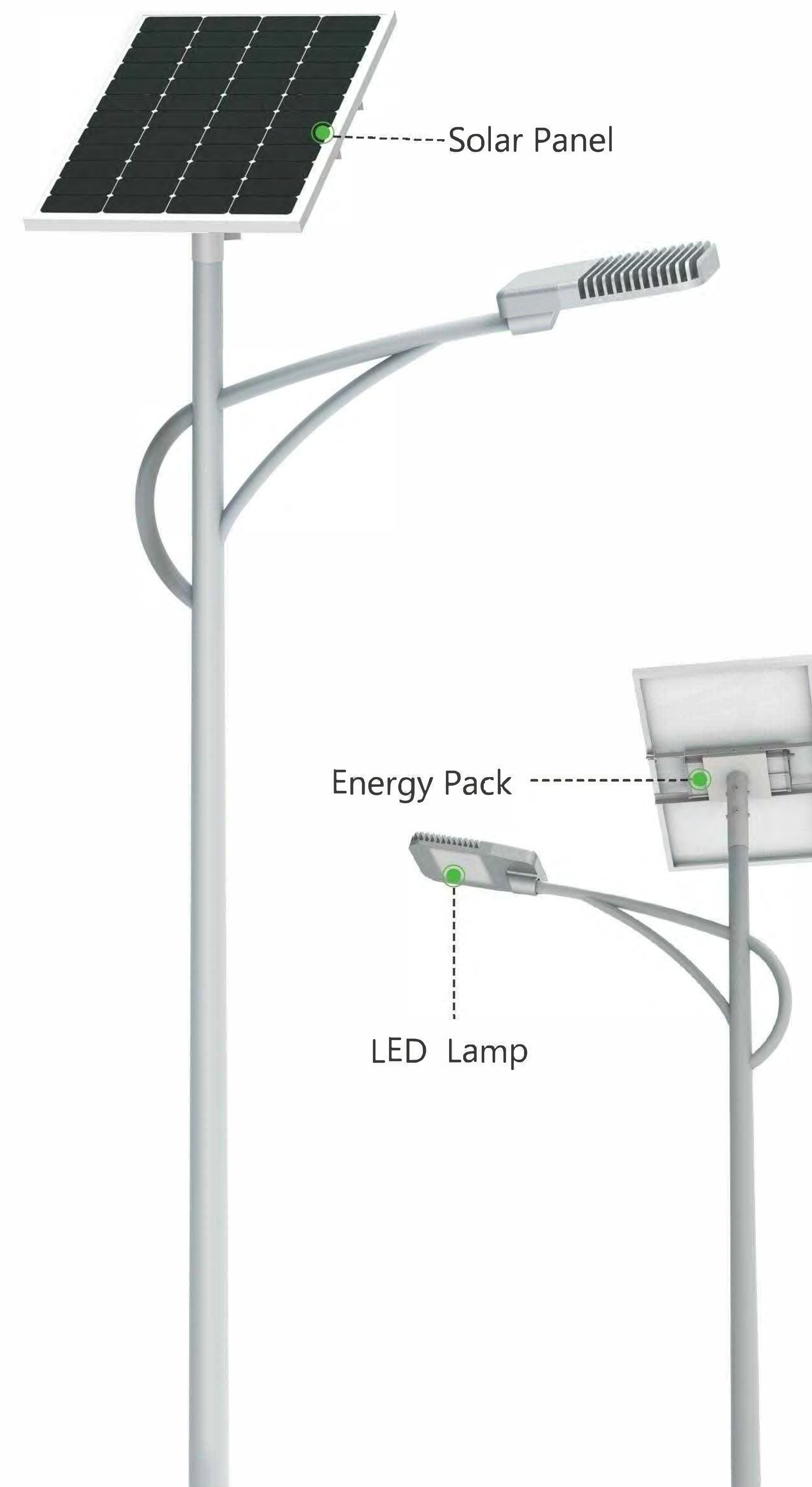
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
EOS-120W	15000LM	125W	10M-11M	38M-42M	46.1KG
EOS-160W	20000LM	160W	11M-12M	42M-48M	51.2KG
EOS-240W	30000LM	250W	12M-13M	45M-50M	63.2KG
EOS-320W	40000LM	320W	13M-14M	50M-55M	73.2KG

ALL-IN-TWO SOLAR STREET LIGHT



APOLLO

- OEM / ODM = LAMP HEAD
- Any road direction installation
- Perfect solution to all-in-one series



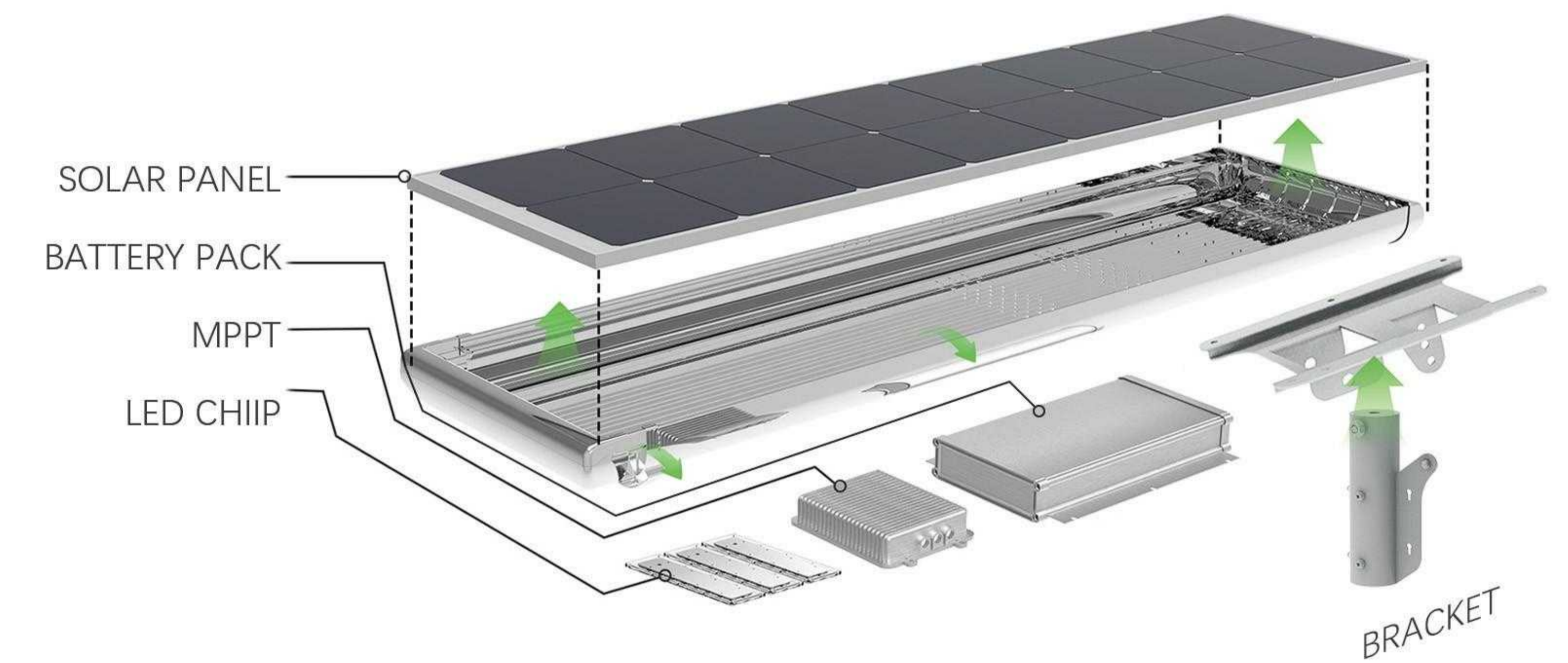
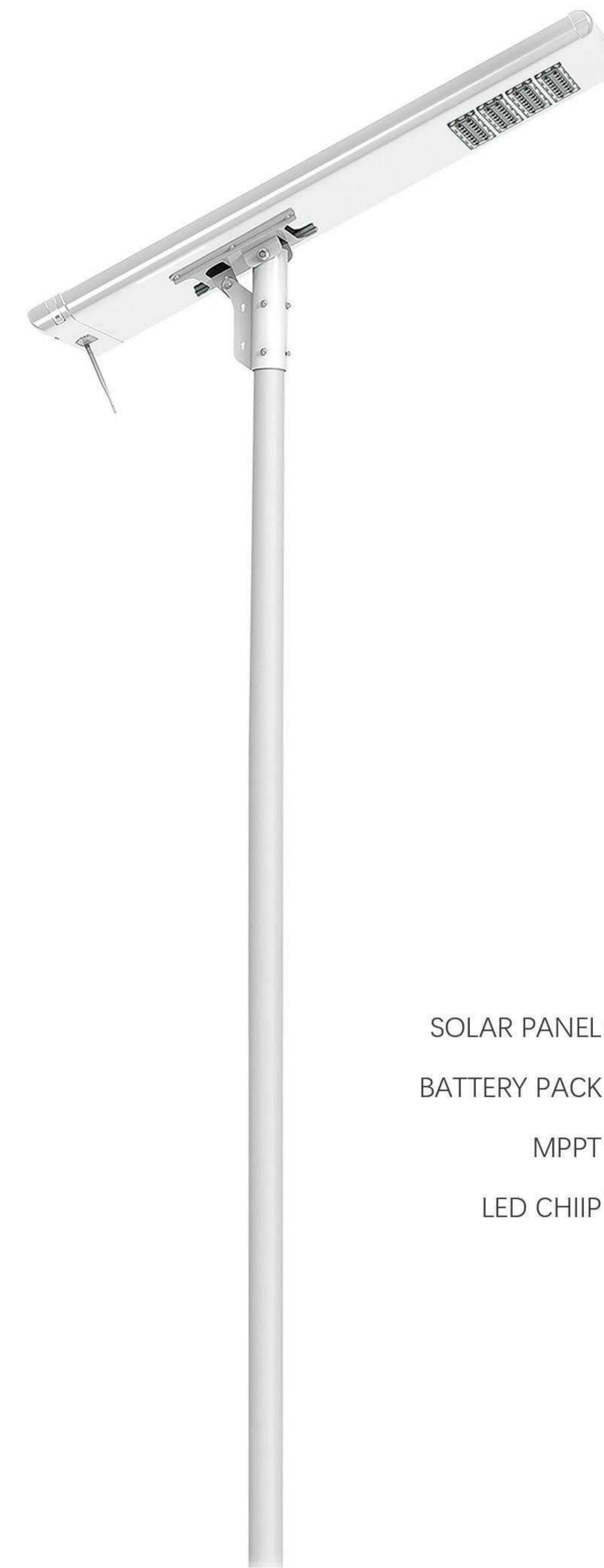
Model NO.	Light Output (Typ)	Max Power	Installation Height	Installation Distance	Net Weight
AP7000	5000-7000LM	80W	7M-9M	25M-36M	31KG
AP10000	8000-15000LM	120W	9M-10M	32M-40M	33.2KG
AP12000	10000-25000LM	160W	10M-12M	38M-45M	35KG

INTEGRATED SOLAR STREET LIGHT



NEW HYPERION

- Modular design,SKD shipping available
- Buckle design,Easy-to-install, Tools-free maintenance
- New generation of solar cell,60% increase in efficiency



Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
NHP-3000	5000LM	40W	3M-6M	18M-24M	19.2KG
NHP-5000	10000LM	50W	6M-8M	22M-30M	20.2KG
NHP-8000	12000LM	80W	8M-10M	30M-36M	25.6KG
NHP-10000	20000LM	125W	10M-12M	38M-45M	31.5KG

SOLAR STREET LIGHT WITH CAMERA



Eagle

- Wifi 4G Optional(2MP ,4MP or 5MP)
- With Night View and PIR (motion sensor)
- Camera can be rotated 360°



Dustproof and Waterproof



Full-color night vision

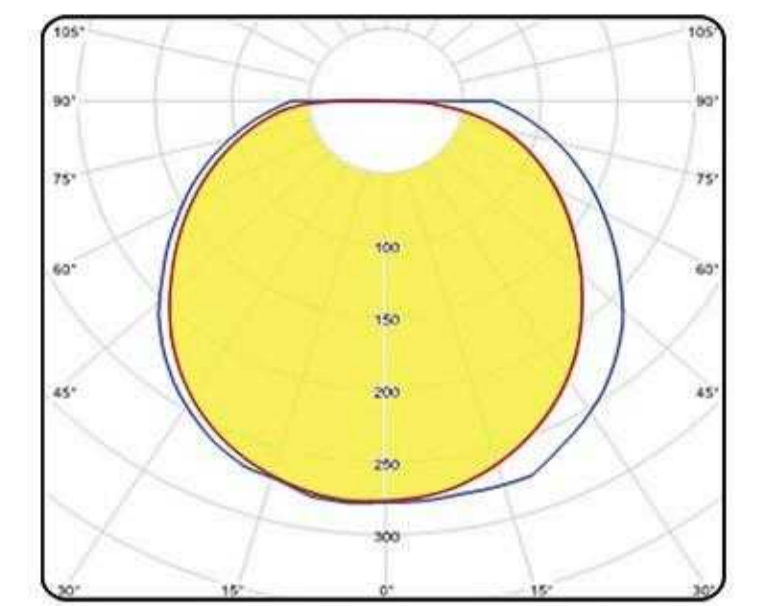
Model NO.	Light Output(Typ)	Max Power	Installation Height	Net Weight
EE-5000	>6049LM	90W	8m	42KG

STAND-ALONE SOLAR GARDEN LIGHT



PALLAS QUAD

- 360 degrees attractive surround Lens
- Facts: Absorbs Maximum Sun Power
- Frameless solar panel for dust resistance



Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
Pallas Quad	4500LM	40W	6M-7M	20M-28M	13KG

SOLAR LAWN LIGHT



MINI HELIOS

- Surfaced Panels
- 100% Aluminum Pole
- 360° Surround lens (Stylish)
- Up to 100Sq Meter of Brightness



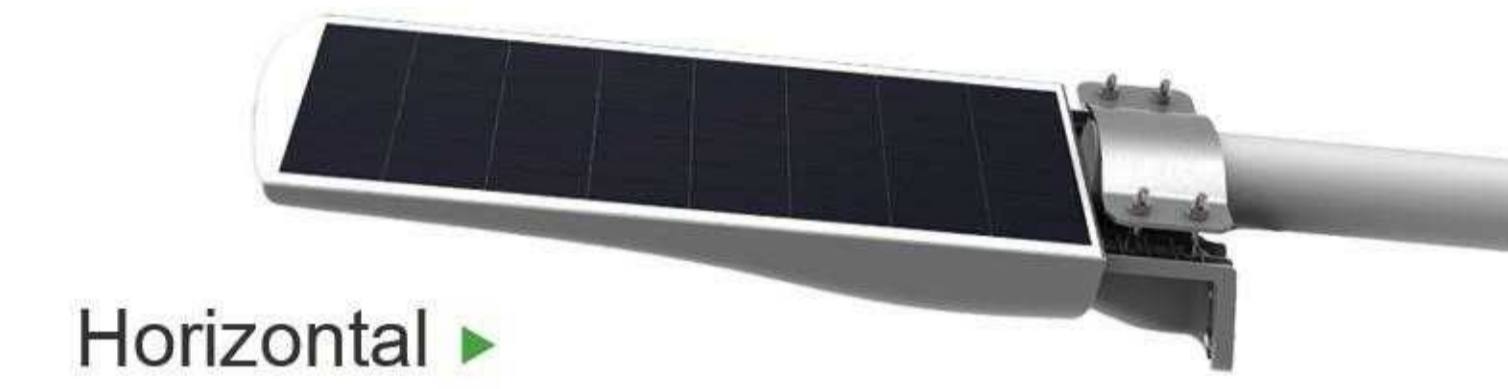
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
Mini Helios	2000LM	30W	1M	15M	14.5KG

PATHWAY SOLAR LIGHT



HP1000

- Professional lens give the best illumination in the industry
- Versatile Mounting (Wall or Pole)
- Upon installation, self activates



Horizontal ▶



Wall-mounted ▶



Vertical ▶

Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
HP1000	2500LM	20W	4M-5M	15M-20M	3.2KG

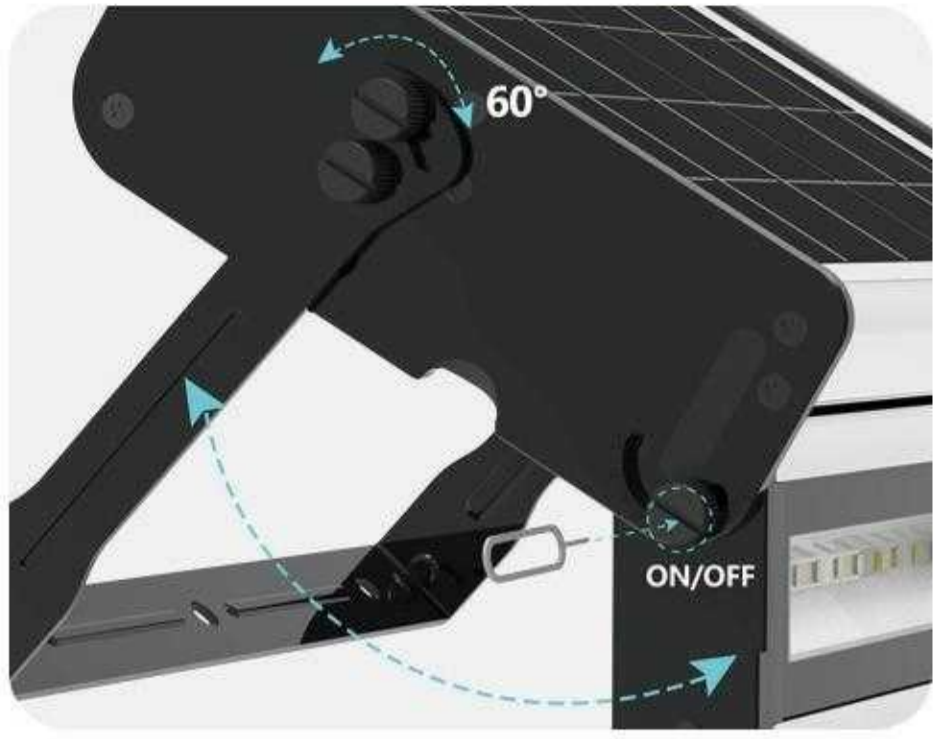
COMMERCIAL SOLAR LIGHT



SOLAR ELF



- Independently adjustable solar panel and LED perfect light placement.
- Adjustable mechanisms from zero to 120 degrees.
- Perfect for : Walkways, Bridges, Entrances, Roof edges and Many more.



Model NO.	Light Output(Typ)	Max Power	Net Weight
Solar Elf-5W	500LM	5W	1.2KG
Solar Elf-15W	1500-2000LM	15W	2.8KG

SOLAR BENCH



SOLAR BENCH

- Original Design
- IoT(Remote Control, Observation, Setting, Data Collection)
- Intelligent Customization



✔ Advantage

- | | | | |
|--|--------------------|----------------|------------------------------|
| Sound Speakers | Washer Light | AD.TV Screen | Scooter parking area |
| Inductor Head | Auto Self-Cleaning | Remote control | Cooling & Humidification fan |
| Dual way charging methods (Wired and wireless) | | | |

LED SOLAR LIGHTING TOWER



LED Solar Lighting Tower

- Free movement
- Emergency use
- Integrated LCD display



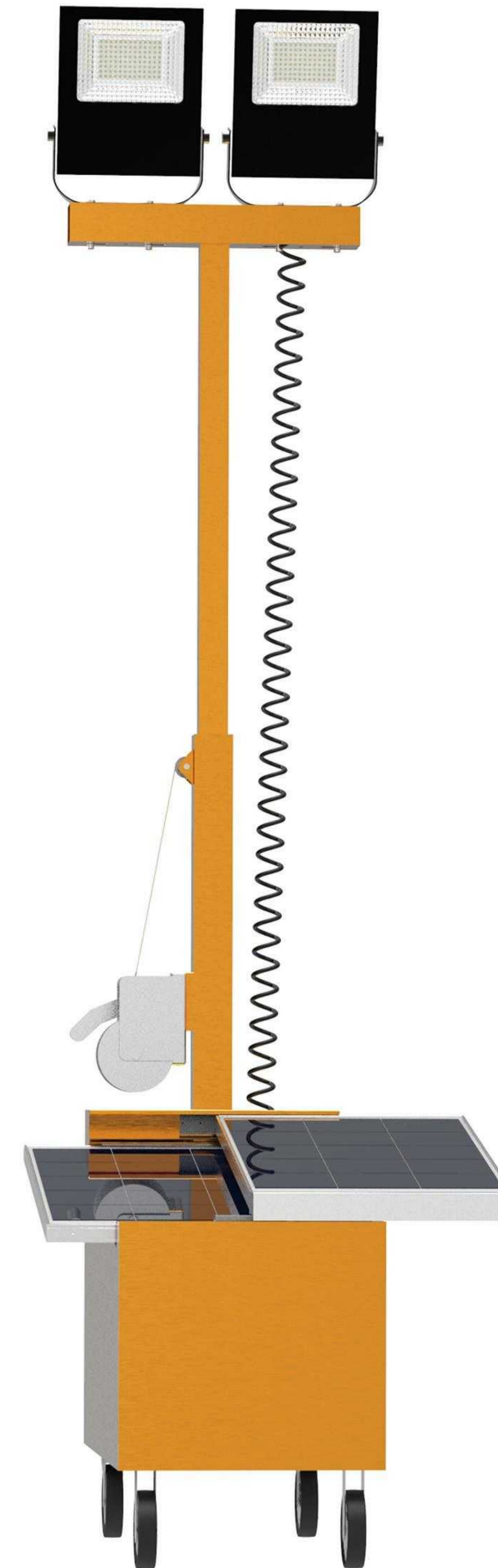
Lift Pole



Movable Solar Panel



With Brake



Model NO.	Pmax	100W Floodlight	Battery Capacity	Lift Pole	Material
LED Solar Lighting Tower	80W*2 (mono)	2 PCS	Top level LiFePO4 1100WH	3-7 meters optional	Stainless steel

SOLAR OFF-GRID HOME SYSTEM



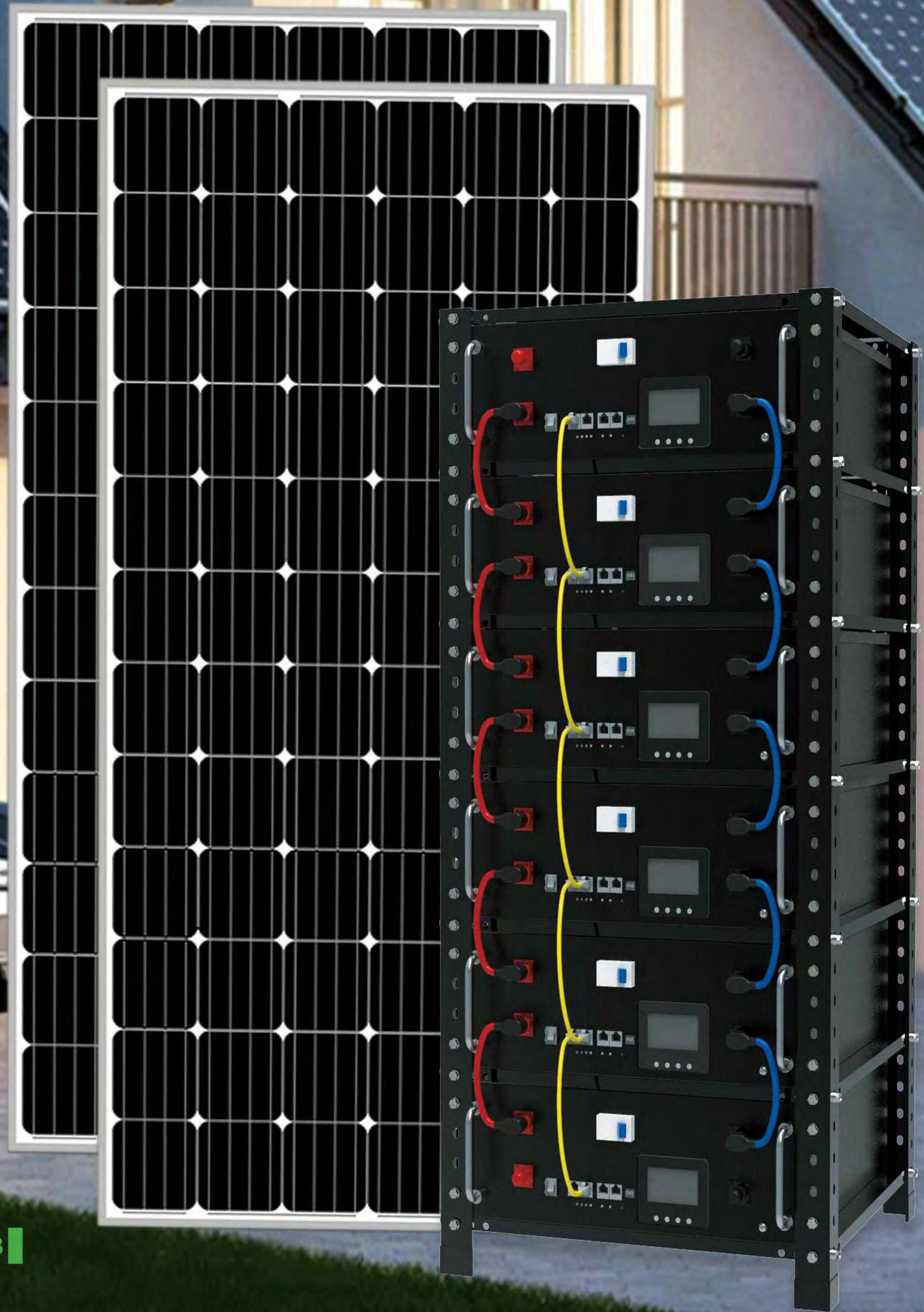
Solar Off-Grid Home System

- X-Stream Fast Charge
- Uninterrupted home backup
- A battery that lasts for years on end
- Up to 10KW power storage, Connects Parallely



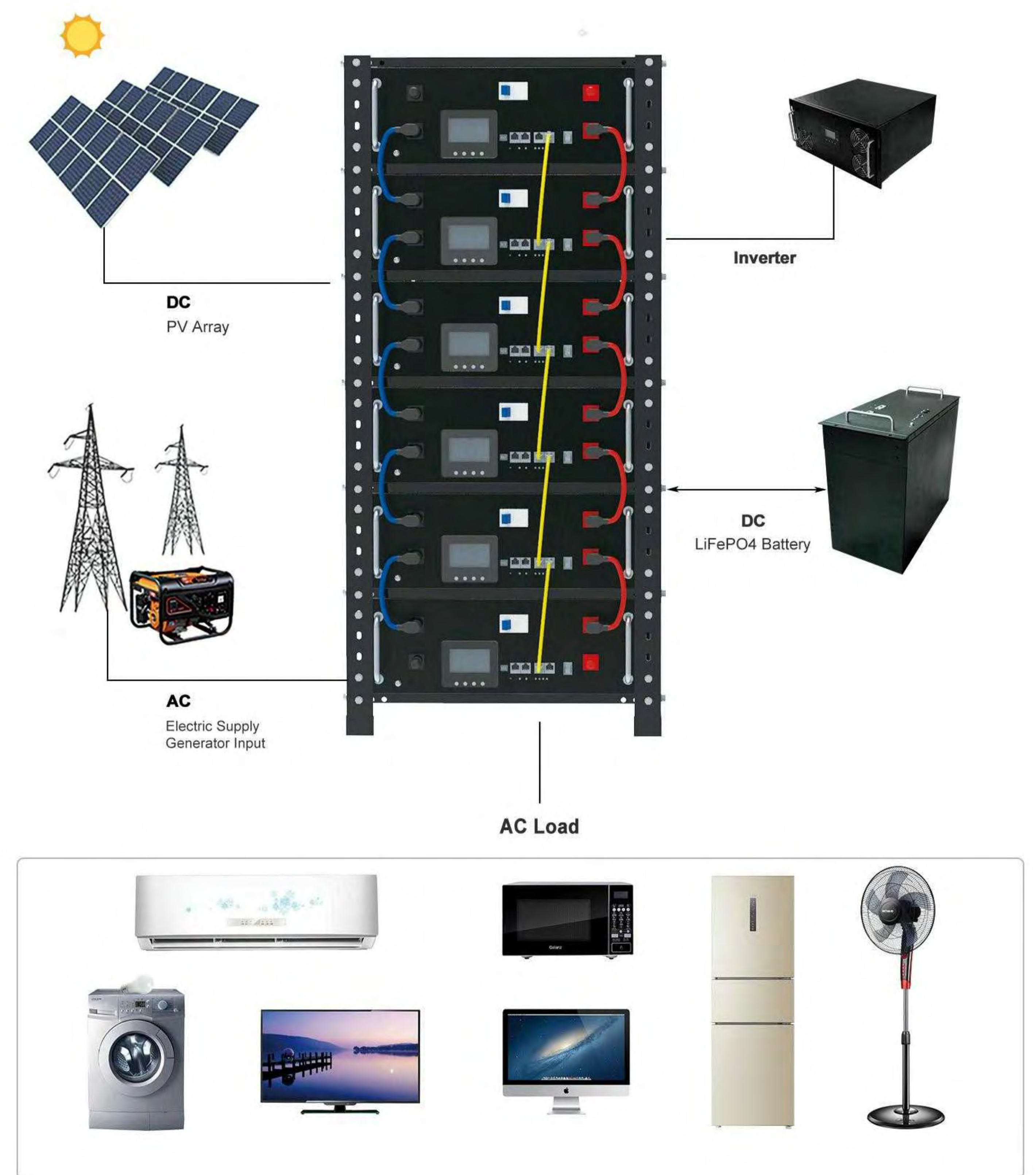
Model NO.	Battery Capacity	Max Power	Rated Input Current	DC Output Current
PW-160W	512WH	160W	20A	15A
PW-260W	768WH	260W	25A	20A
PW-320W	768*2WH	320W	30A	25A

SOLAR ENERGY STORAGE SYSTEM



Solar Energy Storage System

- One to power all your devices
- Go green with affordable budget
- Customized solar power solutions



Rated Voltage	Rated Capacity	Rated Energy	Output Voltage	Output Power
51.2V	100Ah	5.12KWH	110V/240V	3KW/5KW
	200Ah	10.24KWH		5KW/10KW

PV-BESS Car Charging System

- Combines the PV Carport System, The Battery Energy Storage System (BESS), and The Electric Vehicle Supply Equipment (EVSE)
- Cost-Effective, Easy to Install, and Easy to Operate.
- Use Clean Energy, Providing A Higher Rate of Return on The PBC Systems.

