



2021 - 2022 SERIES

PRODUCTS / TECHNOLOGIES / APPLICATIONS



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SMART SOLAR POLE

Intelligent Lighting

- Task planning
- Early warning
- Remote control and adjust brightness
- Single lamp control and group control
- Google map
- Real time checking the work status of solar panel, Battery, LEDS, Light temperature
- AI cloud task

SOS Button

- Push-to -talk
- Active call

5G Ready

- 5G Micro Base Station
- WIFI Hotspot
- IOT Gateway

IOV

- Vehicle to everything
- Infinity Running

Release Information

- Environment information
- Real-time Traffic
- Early-warning Information
- Customized Information Release



Video Surveillance

- Vehicle Monitoring
- Face Recognition
- Analysis of Traffic Flow and Passenger Flow
- Group Abnormal Event Monitoring

Public Broadcasting

- Regular Broadcast
- Emergency Broadcast

Touching Screen

- Information Release
- Information Query
- Application Integration

Smart Charging Pile

- EV Car
- Electric Bicycle, Mobile Phone, etc.

Environment & Meteorology

- Temperature and Humidity
- Fire Alarm, Noise
- PM2.5, PM10
- Poisonous Gas

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



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

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



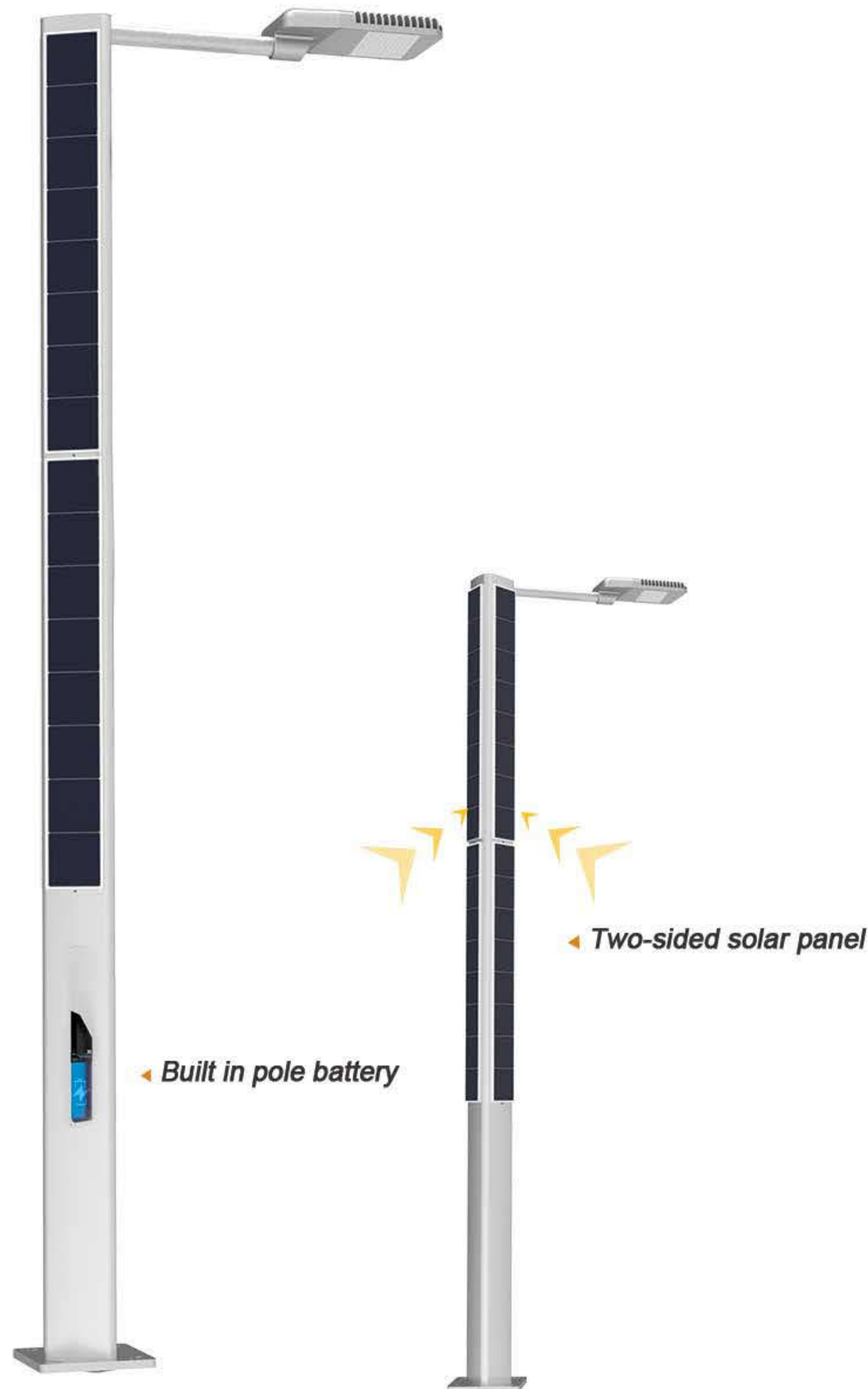
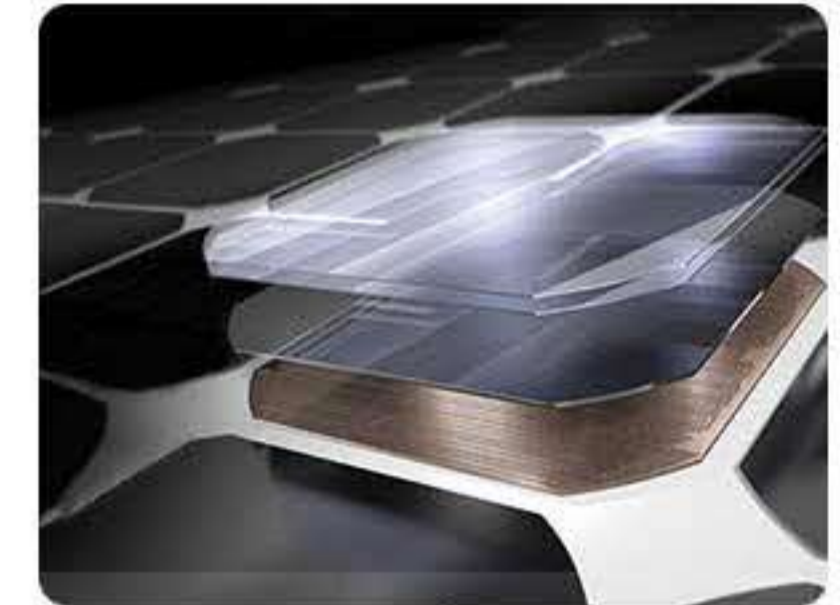
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
NHP-3000	5000LM	40W	3M-6M	18M-24M	19.2KG
NHP-5000	10000LM	50W	6M-8M	22M-30M	20.2KG
NHP-8000	12000LM	80W	8M-10M	30M-36M	25.6KG
NHP-10000	20000LM	125W	10M-12M	38M-45M	31.5KG

STAND-ALONE SOLAR POLE LIGHT



HELIOS

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



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

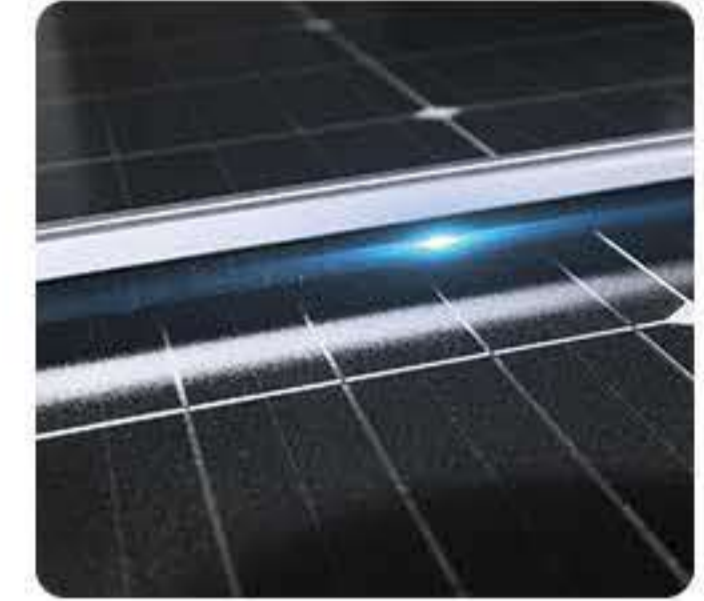
ALL-IN-TWO SELF-CLEANING SOLAR STREET LIGHT





EOS

- Self cleaning Solar panel (Independent or Multiple)
- Maximum wattage, available in Solar Industry
- Remote or scheduled cleaning from our IOT system



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

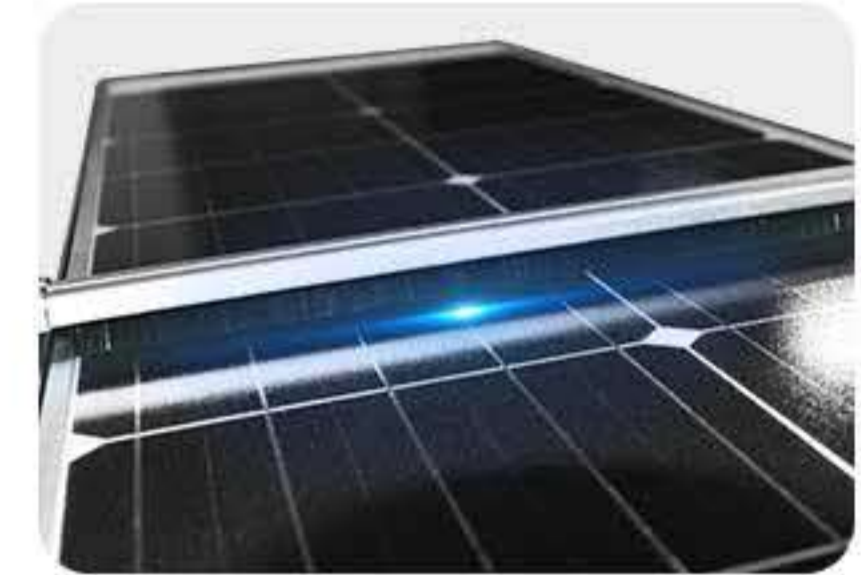
ALL-IN-ONE SELF-CLEANING SOLAR STREET LIGHT





IROBOT

- Airports approved
- Nationally and Internationally Patented
- 100,000 units and more deployed Globally



Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
3000SC	6000LM	50W	6M-9M	20M-28M	19KG
5000SC	12000LM	100W	9M-12M	28M-36M	28KG

ALL-IN-TWO SOLAR STREET LIGHT





APOLLO

- OEM+ODM light head
- All direction road installation
- Perfect combination solution to the All-in-One series



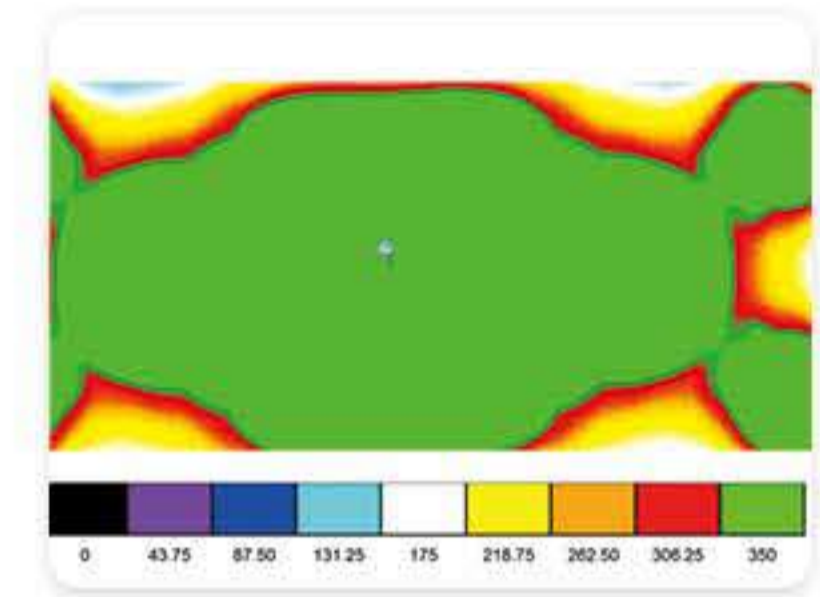
Model NO.	Light Output (Typ)	Max Power	Installation Height	Installation Distance	Net Weight
AP7000	5000-7000LM	80W	7M-9M	25M-36M	31KG
AP10000	8000-15000LM	120W	9M-10M	32M-40M	33.2KG
AP12000	10000-25000LM	160W	10M-12M	38M-45M	35KG

SOLAR HIGH MAST LIGHT



ASTRO

- Perfect blanket coverage lighting system
- Wide coverage, customized, no Dark areas
- High mast installation, adjustable to light any landscape



360° Rotation



360° Rotation

Model NO.	Light Output (Typ)	Max Power	Installation Height	Installation Distance	Net Weight
AT10000	10000LM	125W	9M-10M	32M-40M	38.9KG
AT20000	20000LM	160W	10M-12M	38M-45M	42.5KG
AT30000	30000LM	250W	11M-13M	40M-48M	59KG
AT40000	50000LM	320W	13M-14M	45M-52M	62.5KG

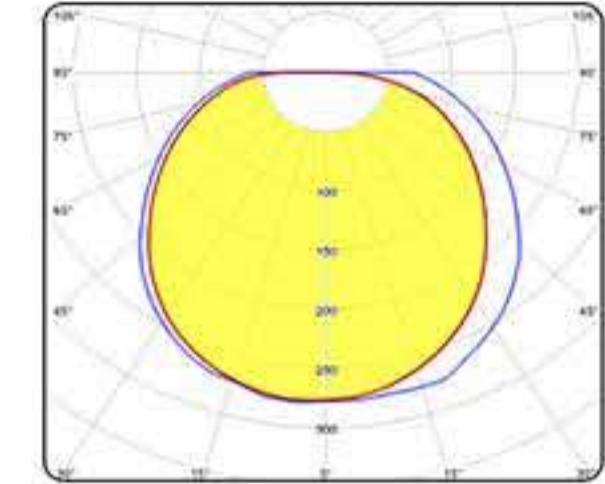
STAND-ALONE SOLAR GARDEN LIGHT





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

ALL-IN-ONE SOLAR STREET LIGHT





HYPERION

- Modular design
- Whole lamp heat dissipation
- Adjustable mounting bracket



Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
HP2000	3000LM	20W	4M-6M	15M-24M	8.4KG
HP3000	5000LM	40W	6M-7M	20M-28M	14.2KG
HP5000	10000LM	80W	8M-9M	30M-36M	18KG
HP8000	12000LM	125W	10M-12M	38M-45M	25KG

SOLAR PATHWAY LIGHT





SELENE

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



Horizontal ▶



Wall-mounted ▶

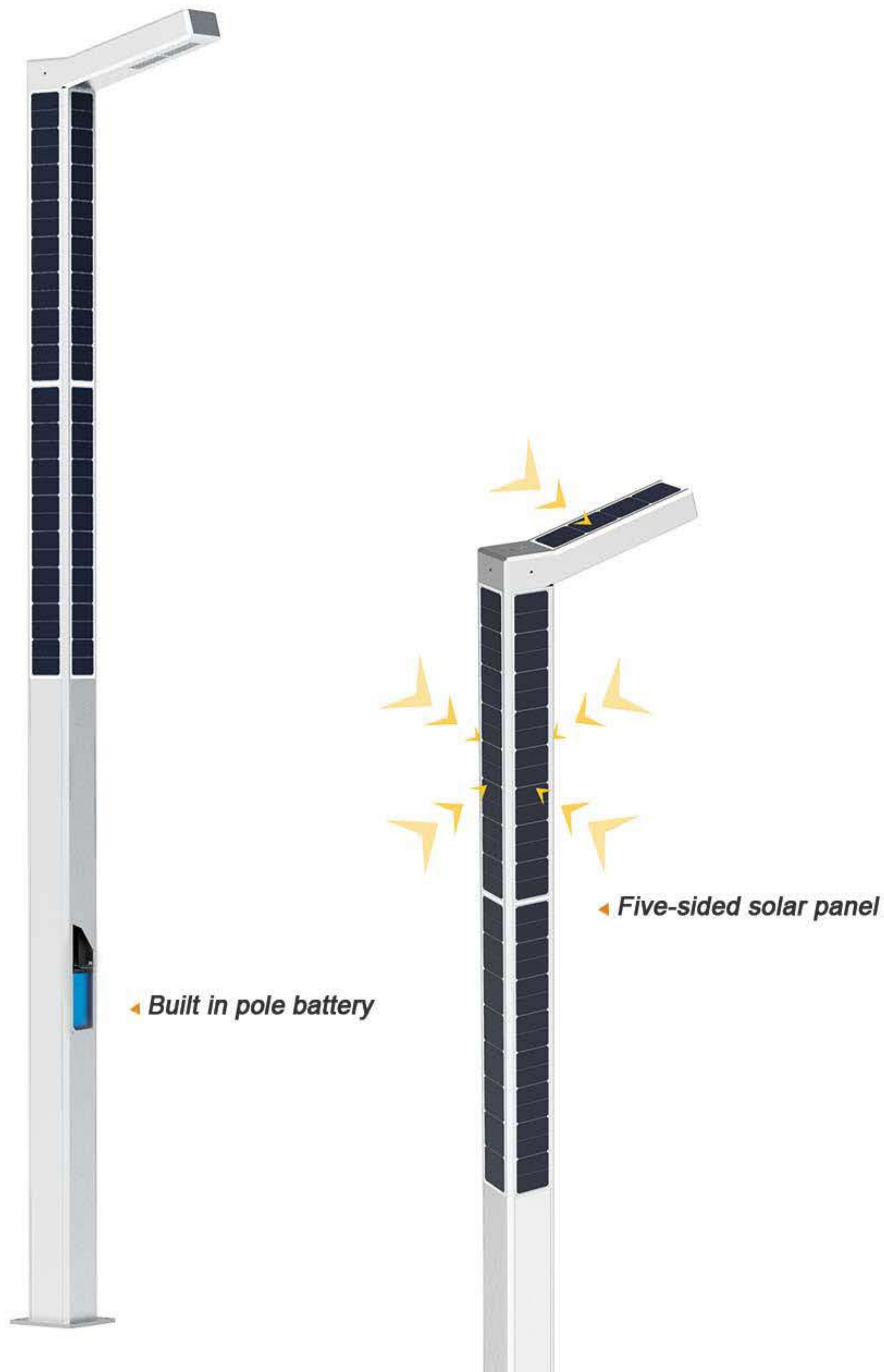
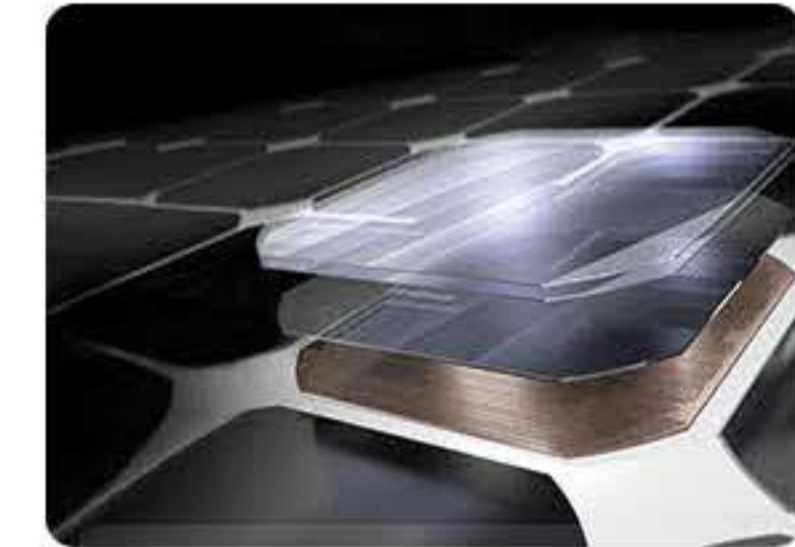
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
SELENE	1960LM	18W	4M-5M	15M-20M	2.5KG

SOLAR OUTDOOR POLE LIGHT



SQUARE HELIOS

- Battery in pole
- Exclusively designed in China
- Russian / Ukraine projects approved



◀ Built in pole battery

◀ Five-sided solar panel

Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
Square Helios	12000LM-15000LM	125W	6M	22M-24M	175KG

SOLAR LAWN LIGHT



MINI HELIOS



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



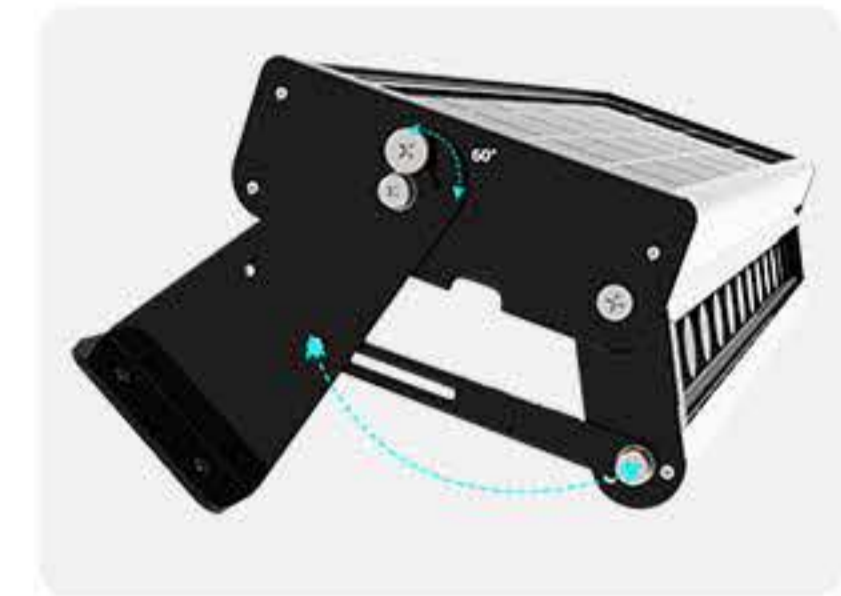
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
MINI HELIOS	2000LM	30W	1M	15M	14.5KG

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 Elf-25W	2000-3000LM	25W	5KG

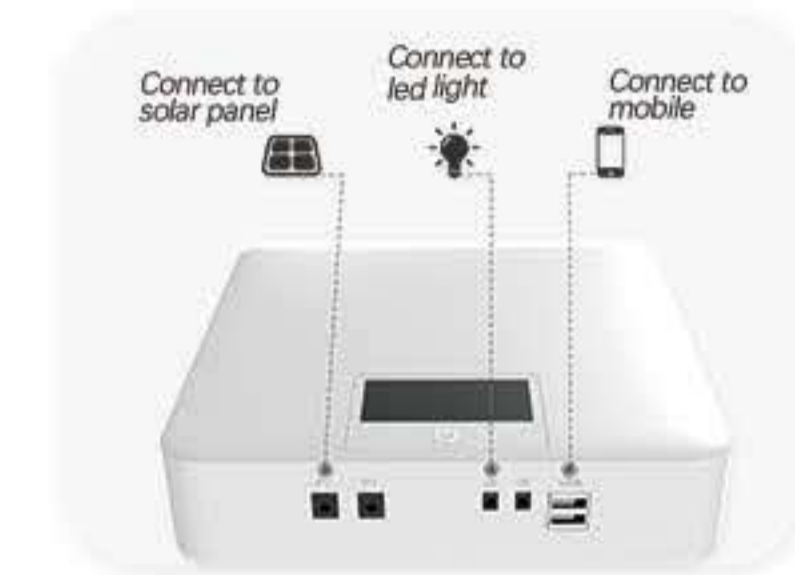
PORTABLE SOLAR ENERGY SYSTEM



Portable Solar Energy System



- Home Integration
- Built for portability
- Expandable capacity

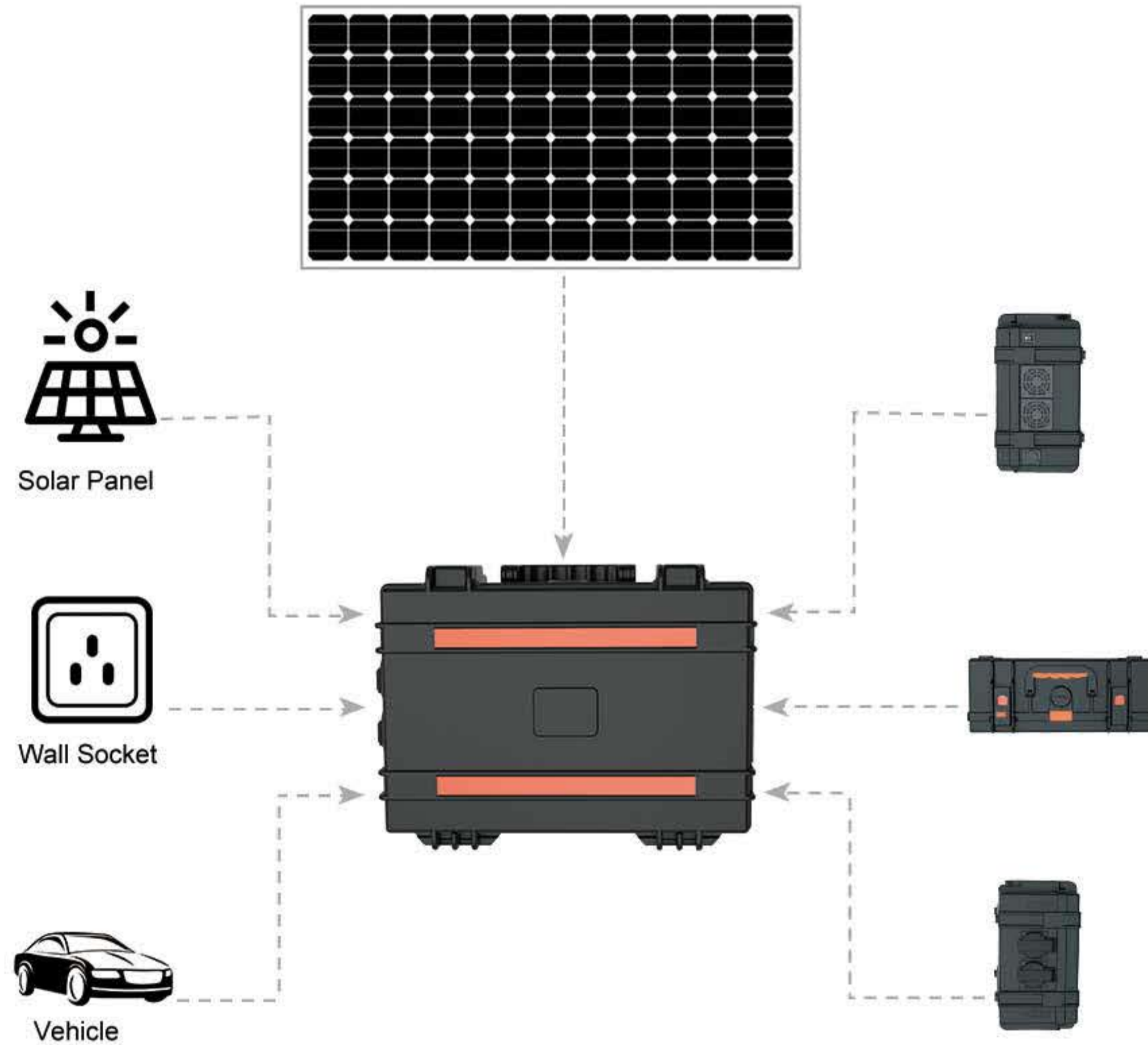


Model NO.	Battery Capacity	Max Power	LED Bulb	Net Weight
PSES-16W	150WH	16W	2PCS 700LM/PC	2.8KG
PESE-32W	200WH	32W	4PCS 700LM/PC	4.8KG

SOLAR ENERGY STORAGE SYSTEM



Solar Energy Storage System



- Durable: Use rechargeable battery and high quality solar panels, with lifetime more than 10000h
- Widely applicable to camping, hiking, fishing, expedition, hunting, outdoor activities
- 3 ways charging - by solar energy, car charger or by AC power

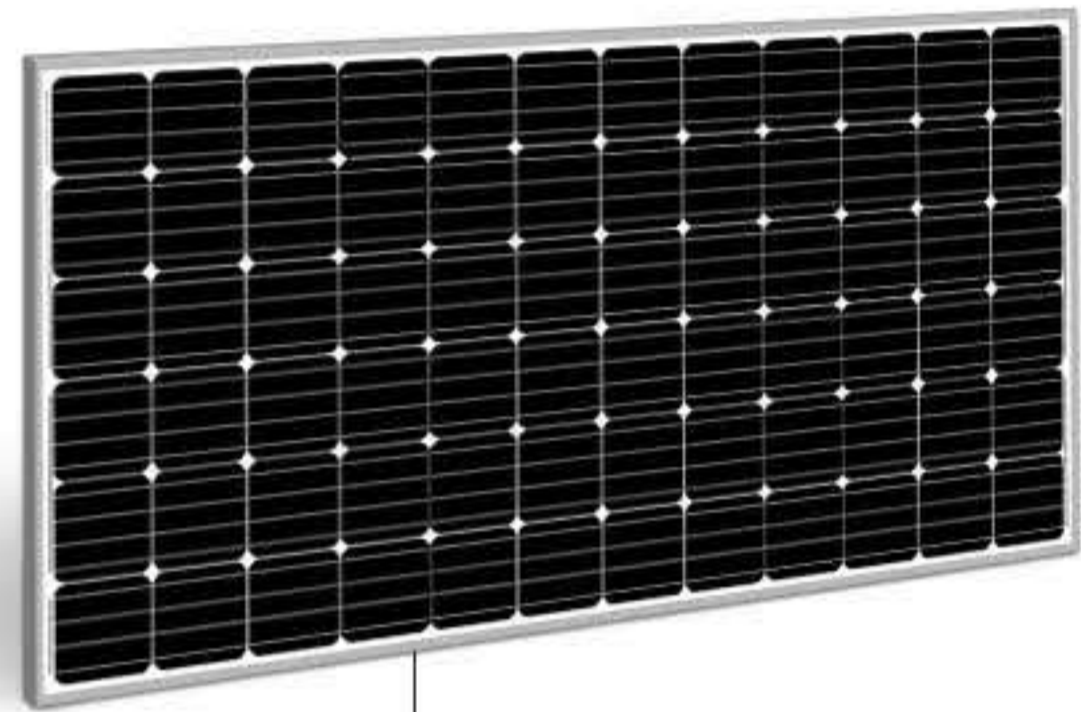
Model NO.	Battery Capacity	Max Power	AC Output	Charging Methods
Portable inverter system	830WH	200W	1000VA	PC, AV, Car charge

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



Current Input

Output Current



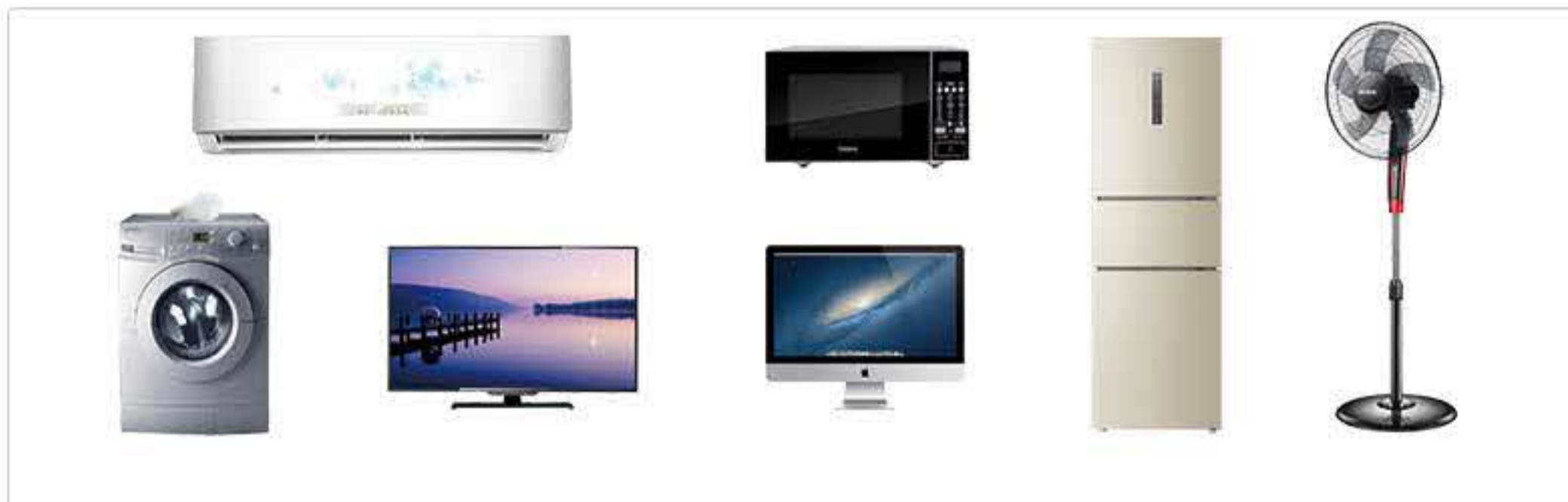
Model NO.	Battery Capacity	Max Power	Rated Input Current	DC Output Current
PW-160W	512WH	160W	20A	15A
PW-260W	768WH	260W	25A	20A
PW-320W	768*2WH	320W	30A	25A

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	300Ah	15.6KWH	110V/240V	3KW/5KW