



2023 -2024 SERIES

NOMO GROUP CO.,LIMITED

PRODUCTS / TECHNOLOGIES / APPLICATIONS

NOMO GROUP CO.,LIMITED

+86-0755-29021186 sales@led321.com
+86-186 8838 4867 www.solar-ledlights.com

3rd Floor Building 1, Xinlianhe Industrial Estate
Shajing, Baoan District, Shenzhen, China 518125





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COMPANY PROFILE

NOMO Group is a multinational solar lighting and energy company, founded on April 4, 2010 by Mr. Wanjun Wang.

We pride ourselves on building quality products to meet all standards and extreme environments globally. We cooperate closely with our customers to make the exact product that meets their customer's needs and their environmental requirements.

With our strong team of highly qualified engineers and sales support, We have successfully won government tenders in Europe, Asia and Africa. We have also obtained many international and domestic patents including the patent for the robotics and design of the self-cleaning solar streetlight.

Enquiries from All Over the World are Sincerely welcomed. NOMO GROUP and Team will always be attentive and Co-operate Effortlessly to Build a Brighter Future together.



PATENT INTRODUCTION

As of January 1st, 2023 NOMO Group has 39 utility model patents, 16 design patents and 16 software copyrights. NOMO also has hundreds of domestic and international certifications and inspections including ISO, CE, CB, ETL, UL, CUL, CCC, ROHS and more.



SMART SOLAR POLE

Emergency Info Release

Road Surface Monitoring
Bridge Detection

Safety Card Help Call

Micro Base Station

Wi-Fi

RFID

Charging Pile

Environmental Monitoring

PM2.5/ Wind/ Temperature/ Humidity/ Noise

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 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



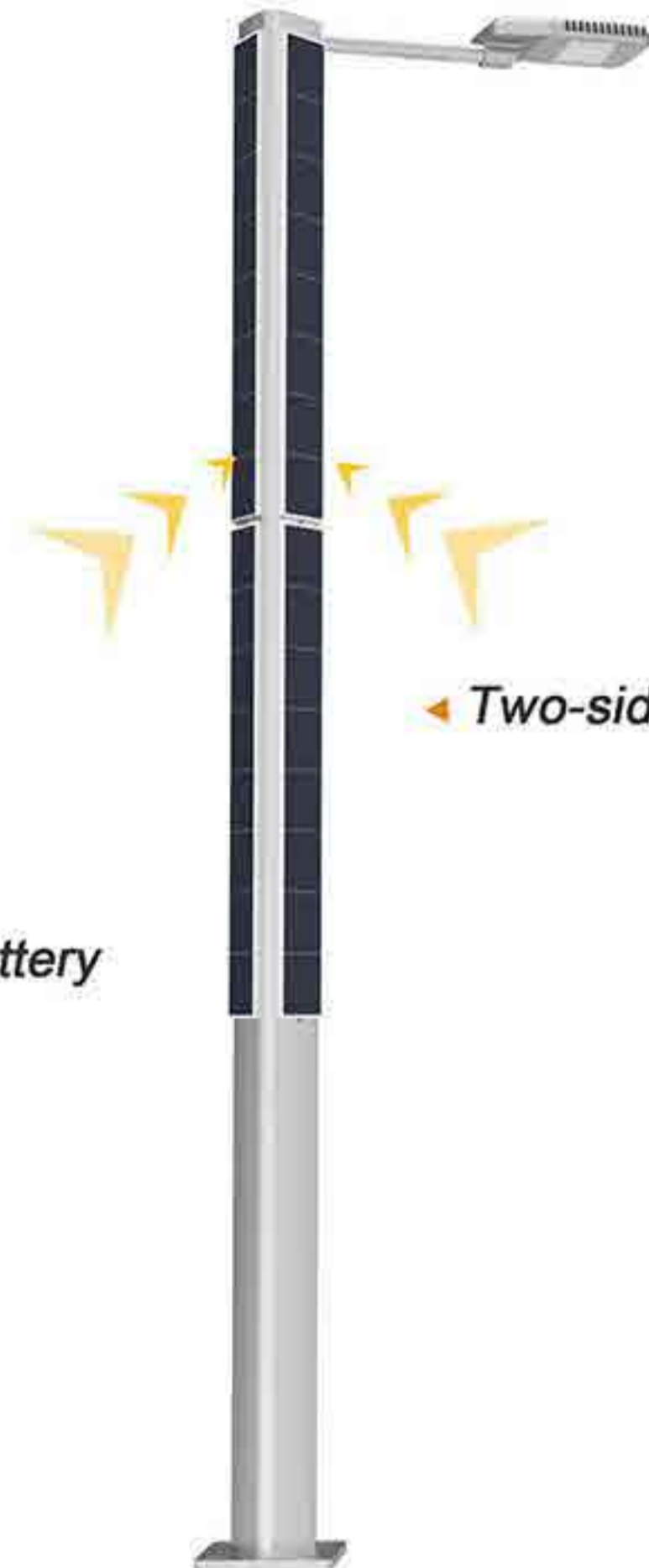
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
NHP-3000	5000LM	40W	3M-6M	18M-24M	19.2KG
NHP-5000	10000LM	50W	6M-8M	22M-30M	20.2KG
NHP-8000	12000LM	80W	8M-10M	30M-36M	25.6KG
NHP-10000	20000LM	125W	10M-12M	38M-45M	31.5KG

STAND-ALONE SOLAR POLE LIGHT





◀ Built in pole battery



◀ Two-sided solar panel

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



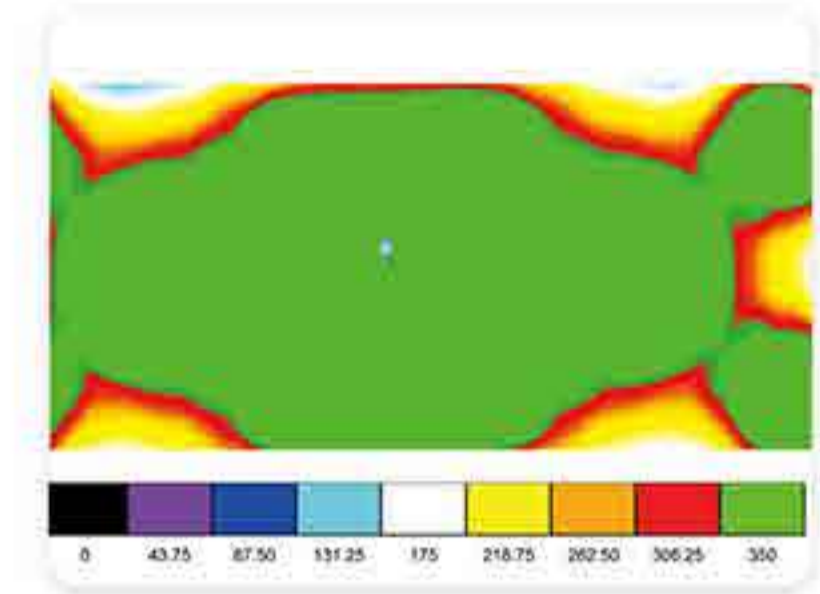
Model NO.	Light Output (Typ)	Max Power	Installation Height	Installation Distance	Net Weight
AP7000	5000-7000LM	80W	7M-9M	25M-36M	31KG
AP10000	8000-15000LM	120W	9M-10M	32M-40M	33.2KG
AP12000	10000-25000LM	160W	10M-12M	38M-45M	35KG

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

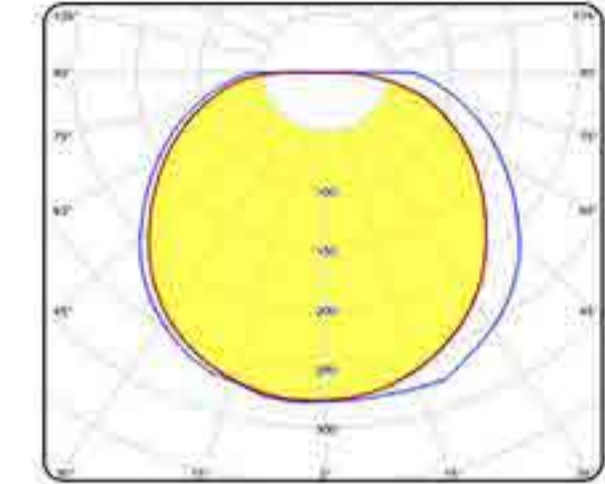
STAND-ALONE SOLAR GARDEN LIGHT





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



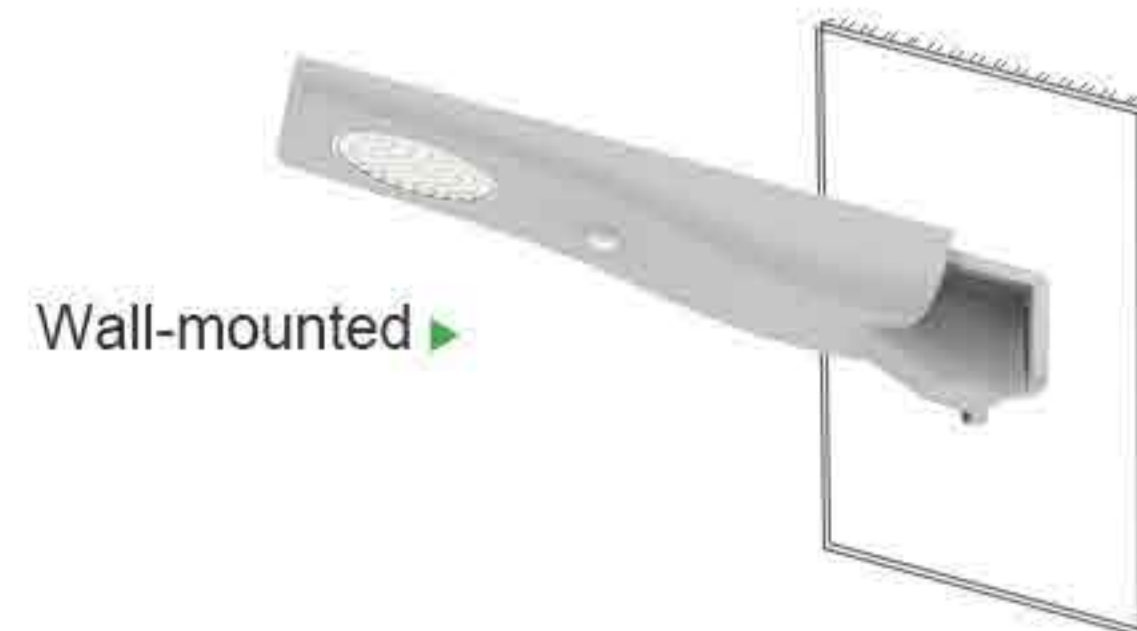


SELENE

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



Horizontal ▶

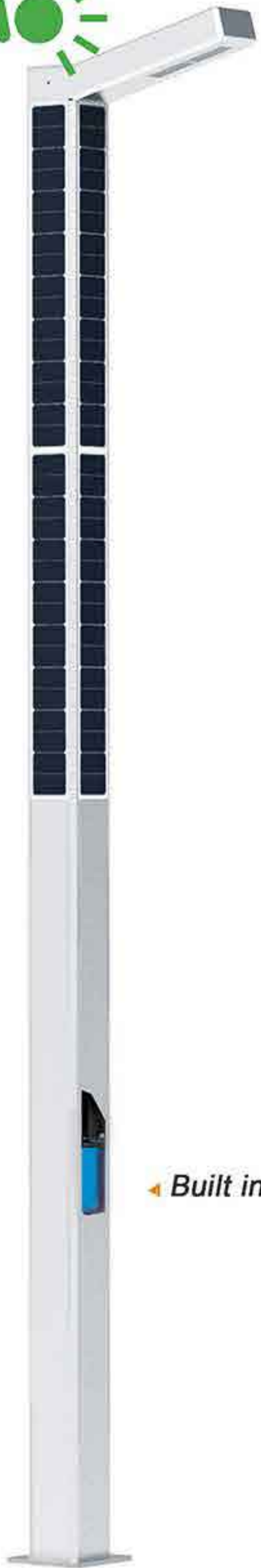


Wall-mounted ▶

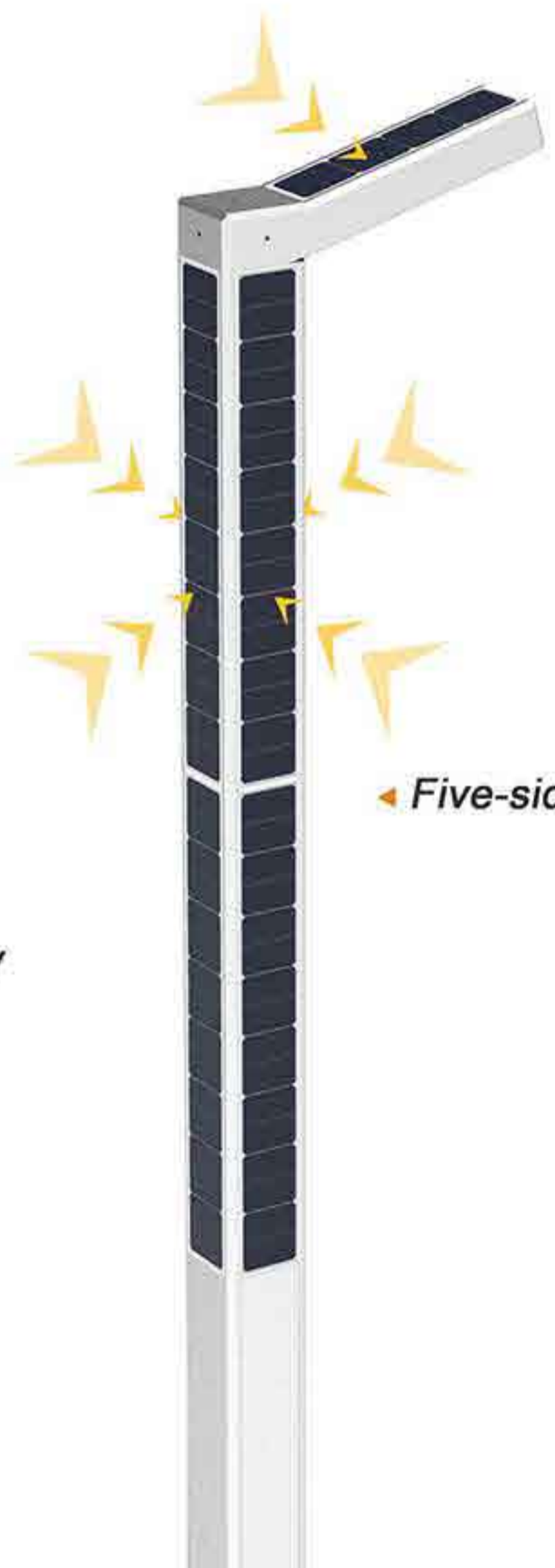
Model NO.	Light Output(Typ)	Max Power	Installation Height	Installation Distance	Net Weight
SELENE	1960LM	18W	4M-5M	15M-20M	2.5KG

SOLAR OUTDOOR POLE LIGHT





◀ Built in pole battery



◀ Five-sided solar panel

SQUARE HELIOS

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



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.

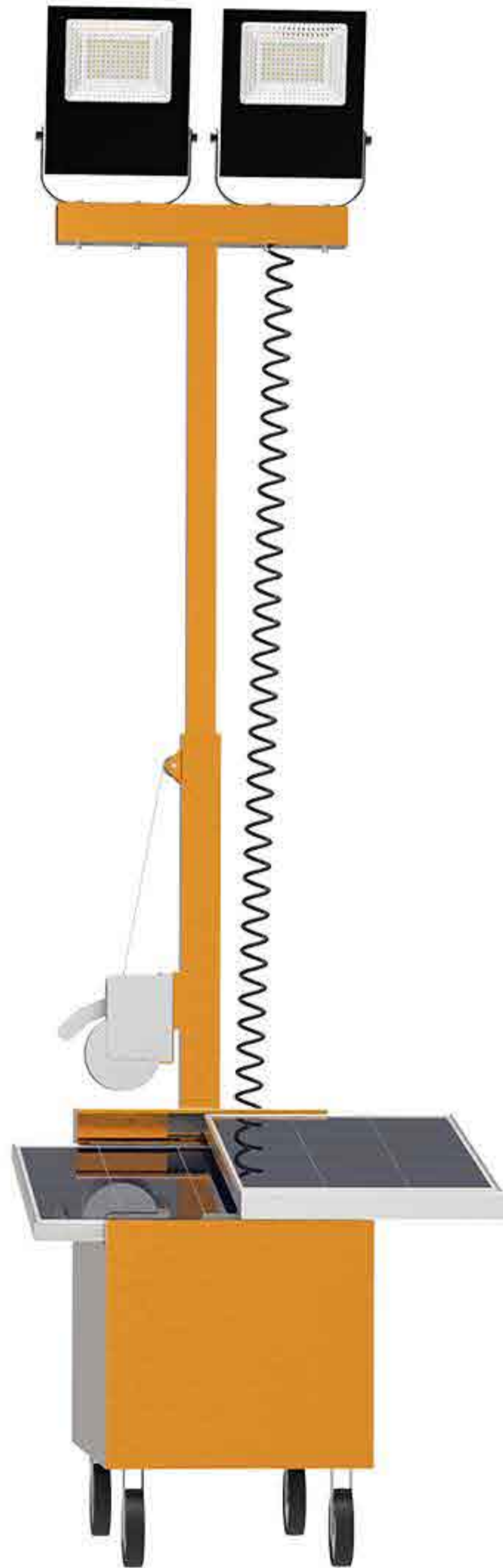


Model NO.	Light Output(Typ)	Max Power	Net Weight
Solar Elf-5W	500LM	5W	1.2KG
Solar Elf-15W	1500-2000LM	15W	2.8KG
Solar Elf-25W	2000-3000LM	25W	5KG

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

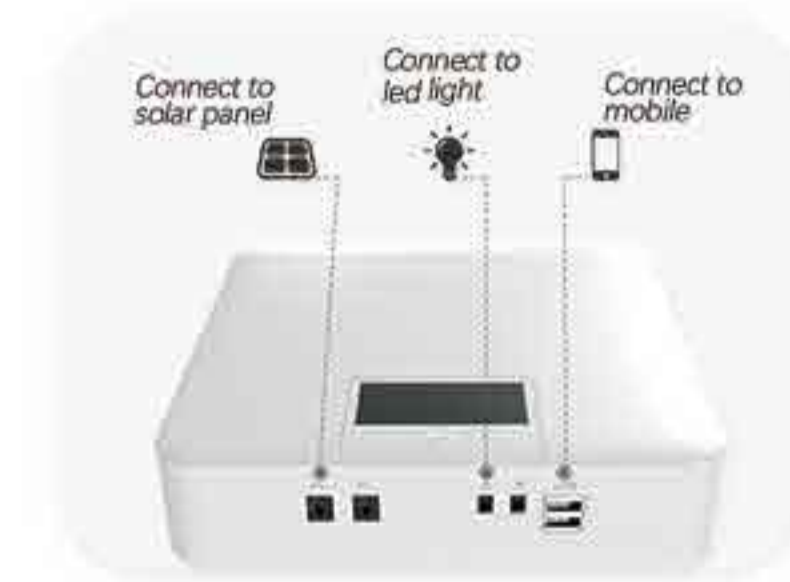
PORTABLE SOLAR ENERGY SYSTEM



Portable Solar Energy System



- Home Integration
- Built for portability
- Expandable capacity

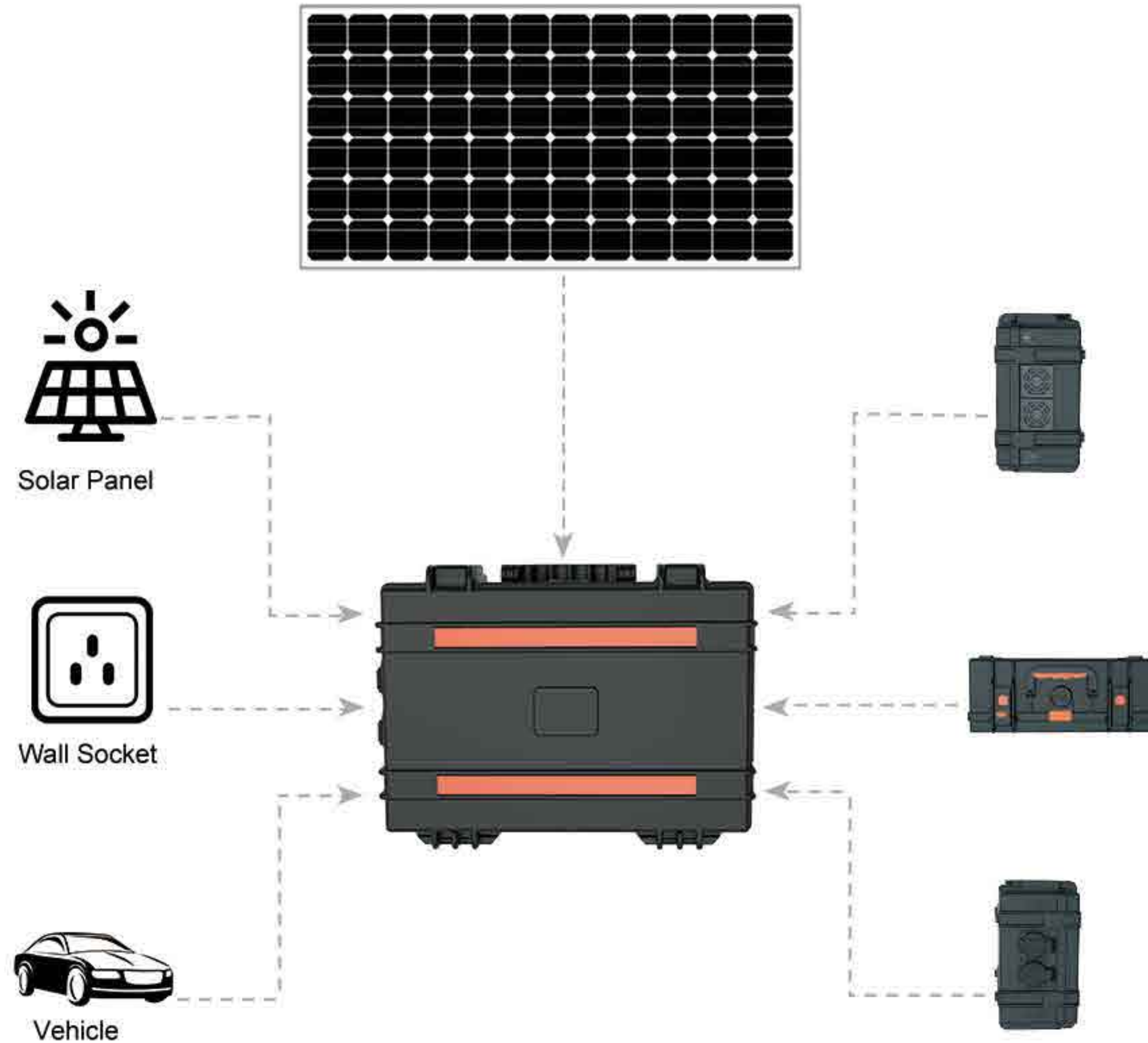


Model NO.	Battery Capacity	Max Power	LED Bulb	Net Weight
PSES-16W	150WH	16W	2PCS 700LM/PC	2.8KG
PESE-32W	200WH	32W	4PCS 700LM/PC	4.8KG

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

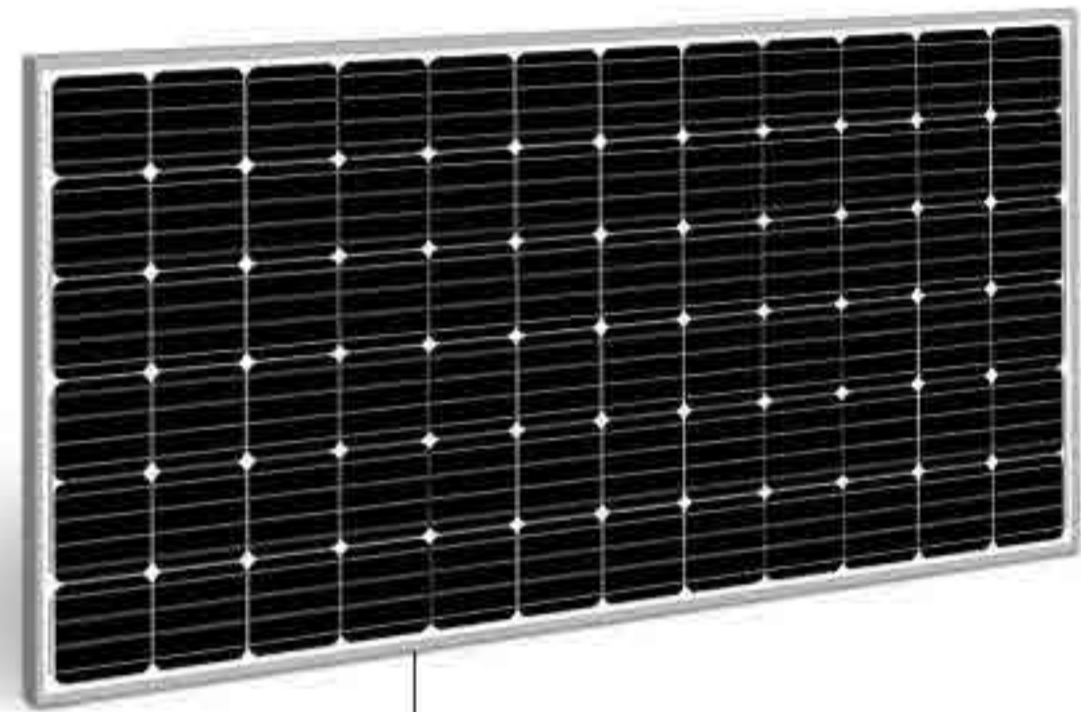
SOLAR OFF-GRID HOME SYSTEM





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

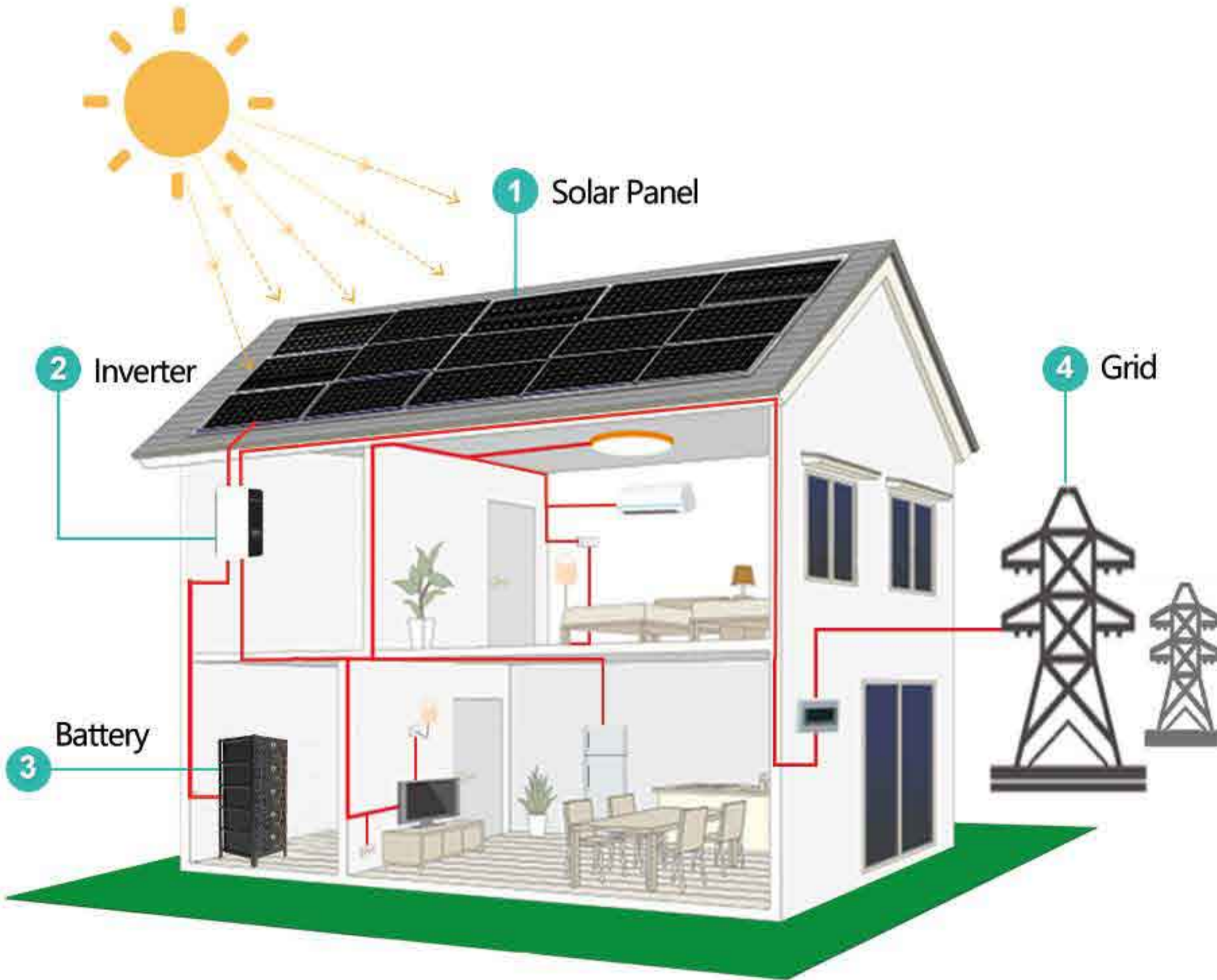
- One to power all your devices
- Go green with affordable budget
- Customized solar power solutions



Rated Voltage	Rated Capacity	Rated Energy	Output Voltage	Output Power
51.2V	300Ah	15.6KWH	110V/240V	3KW/5KW

SOLAR POWER STATION





Premium Selection



Solar Panel	550W*4 PCS
Storage Battery	51.2V 100AH *1 PC
Inverter	SPF-5000ES *1 PC
Indoor Mounting Bracket	1 Set
Solar Panel Rack	1 Set
Breaker	1 PC
Recommended Roof Area	12 M ²



Solar Panel	550W*8 PCS
Storage Battery	51.2V 100AH *2 PC
Inverter	SPF-5000ES *1 PC
Indoor Mounting Bracket	1 Set
Solar Panel Rack	1 Set
Breaker	1 PC
Recommended Roof Area	24 M ²



Solar Panel	550W*12 PCS
Storage Battery	51.2V 100AH *3 PC
Inverter	SPF-5000ES *2 PC
Indoor Mounting Bracket	1 Set
Solar Panel Rack	1 Set
Breaker	1 PC
Recommended Roof Area	36 M ²