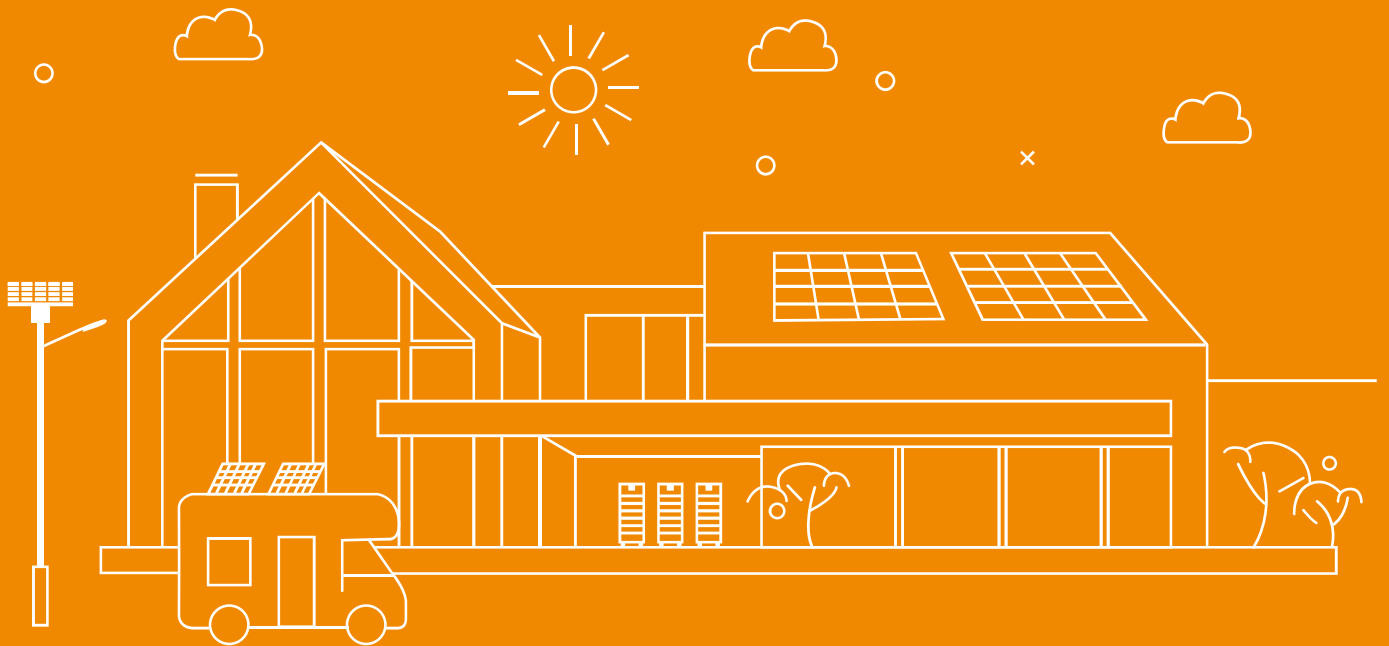




PV & ESS PRODUCTS



www.sangsolar.com

SANGSOLAR TECHNOLOGY



2020
Established



30+
Countries Served



20+
Own Technology



20+
Industry Experience

Empowering the World with Solar Energy

Since 2020, SANGSOLAR has been at the forefront of the solar industry, providing innovative tools for efficient and reliable energy harvesting from the sun. Based in Beijing, we leverage a rich pool of talent to pioneer technologies that make solar power accessible everywhere.

Our Products:

- ▶ Solar Modules: Both topcon-N solar module and BIPV solar tiles for house and villa.
- ▶ Inverters and Inverter Chargers: For seamless conversion of solar energy to usable power, compatible with on-grid and off-grid systems.
- ▶ Lithium Batteries and Energy Storage: Our latest advancements in energy storage to complement our comprehensive solar systems, including home battery backup and portable power stations.

Global Reach and Local Expertise:

SANGSOLAR journey began as a modest enterprise and has since grown to a global stature, with over 30 partners worldwide. Our commitment extends beyond borders, aiming to ensure that every individual and community can utilize solar energy to its fullest potential.

Quality and Innovation:

Our products are backed by international standards and certifications (ISO9001, ISO14001, ISO45001), with compliance to CGC-SOLAR, CE, ROHS, FCC, ETL. In 2023, we expanded our cooperation production of BIPV products in Anhui province, enhancing our capability to meet the growing demand for high-quality solar solutions.

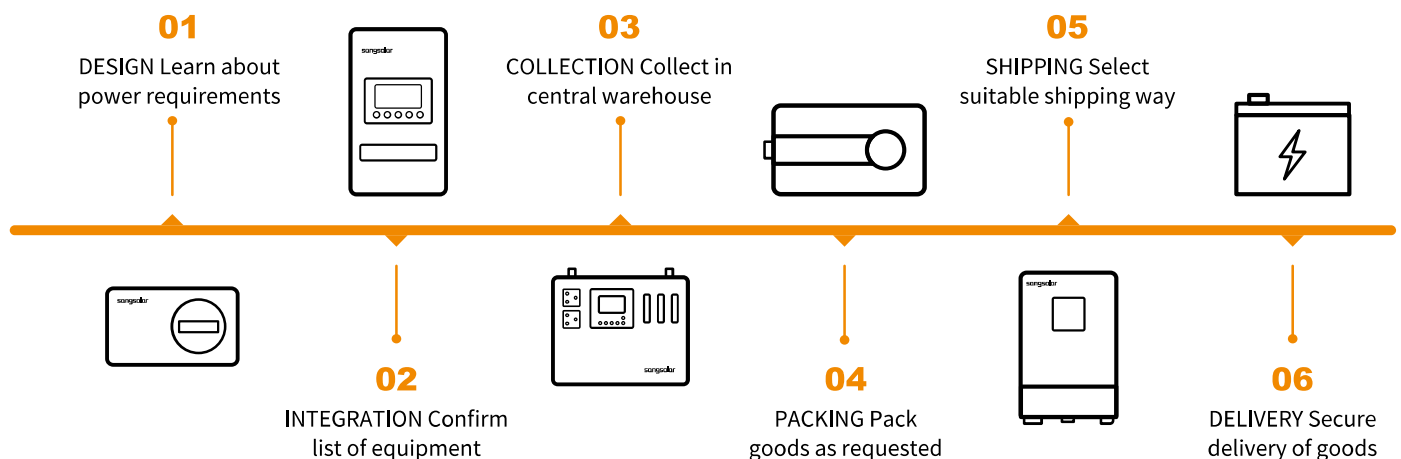
Our Mission:

It's our mission to bridge the gap between technology and sustainability, enabling higher efficiency and performance in energy consumption. We strive to empower lives with green energy – because it's not just our business, it's our passion.

Discover the full potential of solar with SANGSOLAR trusted products.



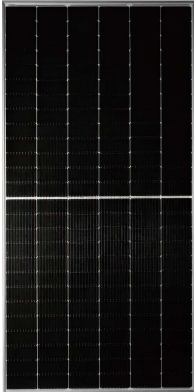
ONE-STOP-SOLUTION SOLAR POWER SERVICE



SOLAR MODULE

► 550-555W (JKM)

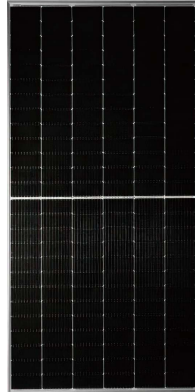
Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 2278x1134x30
Weight(kg) : 32
Module per pallet 36 pieces
Module per 40 container 720 pieces

► 580-600W (JKM)

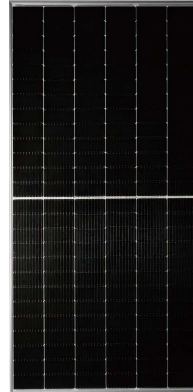
Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 2278x1134x30
Weight(kg) : 31
Module per pallet 36 pieces
Module per 40 container 720 pieces

► 610-635W (JKM)

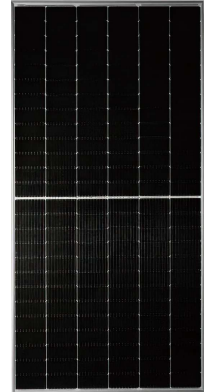
Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 2382x1134x35
Weight(kg) : 28.2
Module per pallet 31 pieces
Module per 40 container 620 pieces

► 700-720W (JKM)

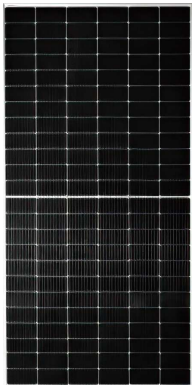
Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 2384x1303x30
Weight(kg) : 37.5
Module per pallet 31 pieces
Module per 40 container 620 pieces

► 425-440W (XZ)

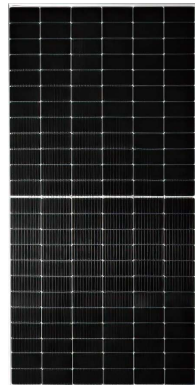
LIGHT WEIGHT ***
Monocrystalline Module



Dimension L*W*H(mm) : 1724x1132x30
Weight(kg) : 10.9
Module per pallet 36 pieces
Module per 40 container 936 pieces

► 450W (FS)

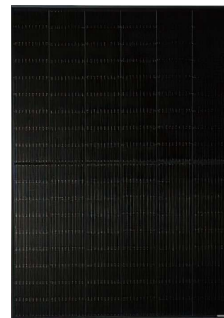
Monocrystalline Module



Dimension L*W*H(mm) : 1724x1134x35
Weight(kg) : 21.5
Module per pallet 31 pieces
Module per 40 container 868 pieces

► 490-510W (WX)

All Black Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 1961x1134x30
Weight(kg) : 26.7
Module per pallet 36 pieces
Module per 40 container 864pieces

► 420-455W (WX)

All Black Bifacial Dual Glass
Monocrystalline Module



Dimension L*W*H(mm) : 1762x1134x30
Weight(kg) : 21.5
Module per pallet 37 pieces
Module per 40 container 962 pieces

SOLAR TILE

► Triple curved tile (CIGS)

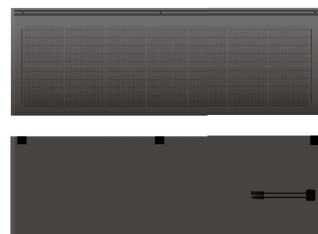
32W, Zero carbon black
Red/Green/Gray color support customisation



Dimension L*W*H (mm):721x500x33
Weight (kg):6.5 (±0.5)
Module per pallet 68 pieces
Module per 40 container 2856 pieces/
20 container 1224piece
Weight per square meter [kg]:22 (±0.5)
Power per square meter (w) :100

► Flat Tile (MONO)

100W, Black
Red/Green/Gray color support customisation



Dimension L*W*H (mm):1408x438x6.2mm
Weight (kg):8.5 (±0.5)
Module per pallet 36 pieces
Module per 40 container 2304 pieces
Weight per square meter [kg]:14 (±0.5)
Power per square meter (w):150

ESS-VILLA

► Singal-Phase All-in-one RESS

Single-phase:3.68/3.8/5/6kW10-30kWh

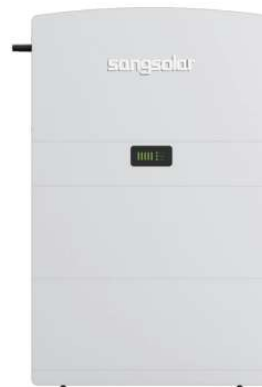


70% less wiring time
IP65 outdoor rating
16cm slim design
V0 level anti-fire material
High-temperature resistance cable
10 years warranty

Max.PV array power[W]: 3.68-6kW
Battery voltage range[V]: 85-400
Nominal charge/discharge current[A]: 25/25

► Three-phase All-in-one RESS

Three-phase:8/10/12/15kW 10-40kWh



70% less wiring time
IP65 outdoor rating
16cm slim design
V0 level anti-fire material
High-temperature resistance cable
10 years warranty

Max.PV array power[W]: 8-17kW
Battery voltage range[V]: 180-650
Nominal charge/discharge current[A]: 30/30

ESS -LIGHT

► HP 20SA Series Off-Grid Inverter Charger

- Solar Charging, Utility Charging, Oil Generator Charging, Bypass Output, Inverter Output
- 48VDC
- 3500W,5500W



PV Maximum Open-circuit Voltage:
500V
PV Maximum Input Power:
4000W,6000W
Inverter Output Voltage:
220VAC,230VAC
Enclosure:
IP20

► Kirin Series Off-Grid Inverter Charger

- Solar Charging, Utility Charging, Oil Generator Charging, Bypass Output, Inverter Output
- Dual Load Outputs
- 24VDC,48VDC
- 3500W,5500W



PV Maximum Open-circuit Voltage:
500V
PV Maximum Input Power:
4000W~6000W
Inverter Output Voltage:
220VAC,230VAC
Enclosure:
IP20

► KP Series Off-Grid Inverter Charger

- Solar Charging, Utility Charging, Oil Generator Charging, Bypass Output, Inverter Output
- Dual Load Outputs
- 24VDC,48VDC
- 3500W,5500W



PV Maximum Open-circuit Voltage:
500V
PV Maximum Input Power:
4000W~6000W
Inverter Output Voltage:
220VAC,230VAC
Enclosure:
IP20

► Unicorn Series Hybrid Inverter Charger

- Solar Charging, Utility Charging, Oil Generator Charging, Bypass Output, Inverter Output
- Dual Load Outputs
- 24VDC,48VDC
- 3500W,5500W



PV Maximum Open-circuit Voltage:
500V
PV Maximum Input Power:
4000W~6000W
Inverter Output Voltage:
220VAC,230VAC
Enclosure:
IP20

► HP 65 Series Off-Grid Inverter Charger

- Solar Charging, Utility Charging, Oil Generator Charging, Bypass Output, Inverter Output
- 24, 48VDC
- 3500W, 5500W



PV Maximum Open-circuit Voltage:
500V
PV Maximum Input Power:
4000W~6000W
Output Voltage Range:
220VAC,230VAC
Enclosure:
IP65

► ELS Series Hybrid Inverter

- supports multiple charging options, including utility power, generators, and solar energy, ensuring continuous power supply under any circumstances
- 48vdc
- 3000w,4000w,5000w,6000w



PV Maximum Open-circuit Voltage:
580V
PV Maximum Input Power:
3000W,3600W,4000W,4600W,5000W,6000W
Output Voltage Range:
220VAC,230VAC
Number of MPPT:
1/1(3KW,3.6KV),2/1(4-6KW)
Enclosure:
IP65

LITHIUM BATTERY

- ▶ The SANGSOLAR lithium battery incorporates A-class LiFePO4 cells, supporting deep discharge and boasting an exceptionally long cycle life. It supports both series and parallel connections, caters to a diverse range of applications, ranging from extensive large-scale energy storage systems to more compact energy solutions. The battery is equipped with a sophisticated and intelligent BMS (Battery Management System).

Batteries can effectively monitor, control, and protect itself. The LCD display screen (optional) could provide you vital parameters such as voltage, temperature, and State of Charge (SOC). The unique safety redundancy design ensures the battery remains stable and reliable even in the event of malfunctions or abnormal conditions. The maintenance-free and user-friendly design ensures your comfortable experience.

▶ Rack lithium battery

- IP20
- >6000 cycle 80% DOD
- Complete certificates CE,MSDS
- Good compatibility with main stream inverters on the market



Capacity:
5.12kWh 10.5kWh

Rated voltage:
48V/51.2V

Rated current:
100Ah 205Ah

5.12kWh pack in carton:
45.5kg, 607x546x235mm
10.5kWh pack in carton:
94.8kg, 655x655x312mm

▶ Wall mounted lithium battery

- IP65
- >5000 cycle 80% DOD
- Complete certificates CE,MSDS
- Good compatibility with main stream inverters on the market



Capacity:
5.12kWh

Rated voltage:
51.2V

Rated current:
100Ah

5.12kWh pack in carton:
49.8kg, 510x180x560mm

▶ Floor-mounted lithium battery

- IP65
- >8000 cycle 80% DOD
- Complete certificates CE,MSDS
- Good compatibility with main stream inverters on the market
- Max 8 battery packs connected in parallel



Capacity:
14.33kWh 16.07kWh

Rated voltage:
51.2V

Rated current:
280Ah 314Ah

14.33kWh pack in wooden box:
121.7kg, 730 x 660 x 250mm
16.07kWh pack in wooden box:
125.9kg, 730 x 660 x 250mm

HOME BATTERY BACKUP

- ▶ The home battery backup equipped with built-in battery. It will meet your various energy storage needs and enables charging from different sources such as solar panels, utilities, and external power generators. The system ensures a pure sine wave output for a clean and stable power supply, while also providing advanced energy management capabilities.

The large-sized LCD display makes the system user-friendly. With multiple types of AC and DC output ports supporting various household appliances, tablets, laptops, and more, you can confidently power your devices whether camping with family and friends or enjoying outdoor activities. By using 4G or WiFi modules, you can remotely monitor the status and configure the data of the device through the SANGSOLAR app.

Enjoy the benefits of a plug-and-play energy storage system with seamless connectivity.

▶ HPS-AHL

- Two AC Outputs And Multiple DC Outputs, Built-in LiFePO4 Battery



Utility Rated Voltage:
220VAC

Inverter Rated Power:
1000W, 1500W, 2500W

Battery Type:
LiFePO4

Battery Rated Capacity:
40Ah, 60Ah, 100Ah

Battery Rated Voltage:
25.6VDC

▶ HPS-AL

- Camper Van, Rural House, RV, Water Pump, DC Output, AC Appliance



Utility Rated Voltage:
220VAC

Inverter Rated Power:
1000W, 1500W, 2500W

Battery Type:
GEL

Battery Rated Capacity:
55Ah*2, 70Ah*2, 120Ah*2

Battery Rated Voltage:
24VDC

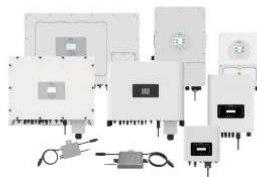
GLOBAL TRADINGS

GROWATT



► Growatt Inverter

Deye



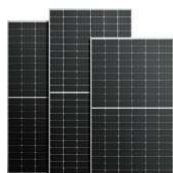
► Deye Inverter

LUXPOWER^{TEK}



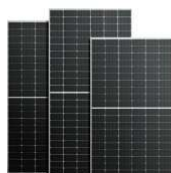
► Luxpoer Inverter

LONGi



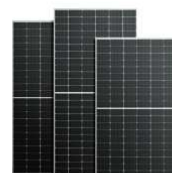
► LONGI Solar Panel

Jinko^{Solar}



► JinKO Solar Panel

Trina^{solar}



► Trina Solar Panel

BUILDING TRUST THROUGH EXPERTISE AND RELIABILITY

Our Commitment to Reliability:



1. Transparency & Compliance



2. Efficient Logistics & Risk Management



3. Cultural & Regulatory Expertise



4. Secure & Innovative Solutions



5. Ethical Sourcing & Sustainability

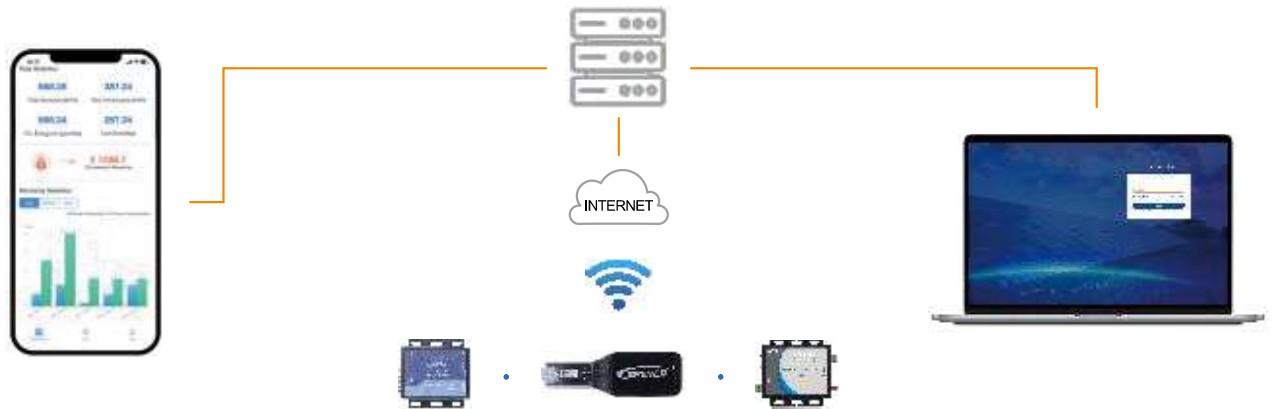
WHY CHOOSE US?

We understand that reliability isn't just about delivering goods—it's about building relationships. By combining decades of experience with a customer-first approach, we ensure consistency, accountability, and peace of mind. Whether navigating geopolitical shifts or optimizing costs, we act as your steadfast partner, dedicated to your success in the global marketplace.

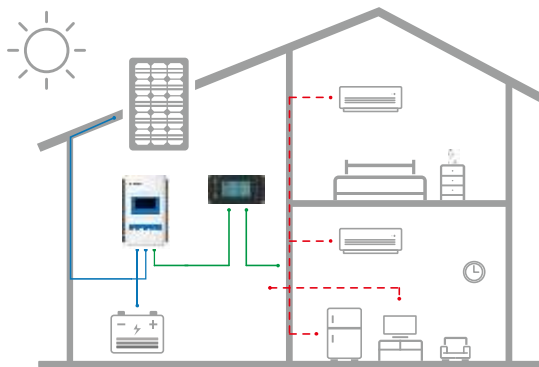
Trust us to turn the complexities of global trade into opportunities for growth. Let's build a resilient, thriving future together.

SANGSOLAR HOME SOLUTIONS

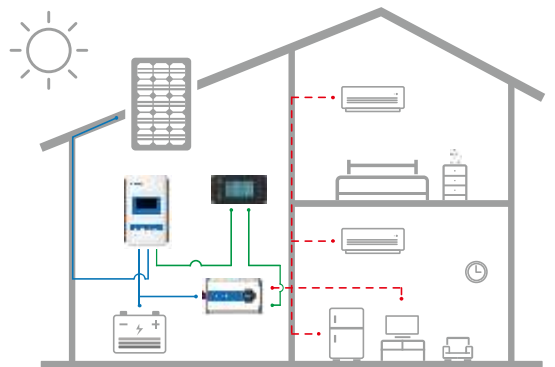
SOLAR GUARDIAN



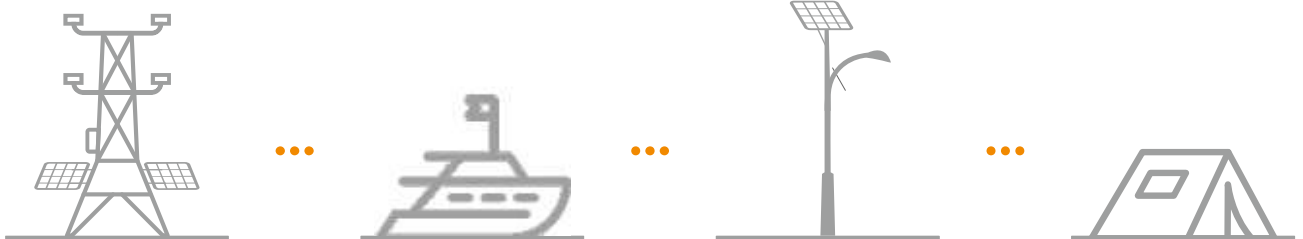
Solar Home System



Global Trading



More Applications





www.sangsolar.com



Beijing Shan Hu International Technology Co.,Ltd.

✉ sales.manager@sangsolar.com

📍 No.1 Xingguang Fourth Street, Taihu Town, Beijing Economic and Technological Development Zone, Beijing, China

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