

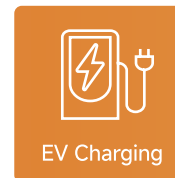
SUNKWH



Photovoltaic



Energy Storage



EV Charging



Complete Solar PV Solution

Design, Construction, O&M, Investment

Guangdong SUNKWH New Energy Co., Ltd. (established in Nanhai, Foshan in 2014) is a leading provider of distributed photovoltaic and energy storage systems in China. As a national high-tech enterprise and a specialized and innovative enterprise in Guangdong Province, We holds complete qualifications such as the Second-Level qualification for power engineering construction, and has obtained over 30 national patents.

We have been deeply engaged in the design and technological innovation of photovoltaic systems, and possess the full-cycle service capabilities for large-scale industrial and commercial power stations. The business covers the design, construction and investment operation of distributed photovoltaic power and user-side energy storage power stations. It has thousands of successful cases in the Pearl River Delta Area, the entire Guangdong Province and many places in South China, with an annual power generation capacity of over 800 million KWH. Meanwhile, the company is actively promoting the "PV-storage-charging integration" demonstration project and has built and operated several super charging stations.

We adheres to the principles of "safety as the foundation, quality as the core, and service as the lead". Through various models such as EPC, EMC, and cooperative construction, it provides customers with high-quality, long-term stable clean energy solutions, continuously creating core value.

Quick response, customer first,
dedicated service, and a win-win future

National High-tech Enterprise
SRDI Enterprise·PICC Contracting



500+ ↑



Industrial and Commercial projects

3000+ households



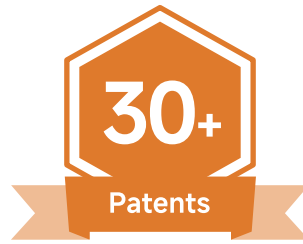
Household projects

800+ million kWh



Annual power generation

-
- 2008** The founding team of the company has entered the photovoltaic industry.
- 2014** The photovoltaic energy company was established in Shishan, Nanhai District, Foshan. The first residential and industrial photovoltaic project was put into use and has been operating smoothly to today.
- 2015** We have more than thousand of professional project experiences.
- 2017** Has obtained 9 national utility model patents and registered the "SUNKWH" brand trademark.
- 2018** Was awarded the title of "A-Class Taxpayer" and received the "National High-Tech Enterprise Certificate".
- Has been awarded the title of Guangdong Innovative SME, and obtained qualifications including Class II General Contracting for Power Engineering and Class II Professional Contracting for Construction Mechanical and Electrical Installation Engineering.
- 2019**
- 2022** Was honored with the title of "Influential Brand - Distributed Photovoltaic Project Developer" and was also recognized as the "Most Influential Photovoltaic EPC Enterprise".
- Has been certified as a "Specialized, Skilled, Innovative and High-Quality Small and Medium-sized Enterprise in Guangdong Province", and has continuously obtained the Installation (Repair, Testing) License for Electric Power Facilities for 7 consecutive years.
- 2023**
- 2024** The independently developed "Waterproof and Anti-Oxidation Integrated Steel-Aluminum Structure Support" has obtained a national patent, and the headquarters has moved to the Cloud Intelligence Hub Building of Science and Technology Innovation Zone in Foshan West Station.
- For eight consecutive years, it has been awarded the "National High-tech Enterprise Certificate", and has more than thousand of grid-connected projects, with annual power generation exceeding 800GWh.
- 2025**



National High-tech Enterprise



Guangdong Provincial-level SRDI Enterprise



Innovative small and medium-sized enterprises



Installation (Repair, Testing) of Electrical Facilities License



Construction Safety Production Permit



Grade II Power Engineering GC & Building MEP Specialized Contracting



Patent Certificates



SUNKWH has entered into strategic partnerships with leading enterprises such as JA SOLAR and Huawei Smart Solar PV. By integrating top-notch products, it aims to provide customers with more efficient, stable and intelligent PV energy systems, thereby enhancing power generation efficiency and energy utilization benefits.



JA SOLAR's Annual Most Promising Distributor Award



Huawei Digital Energy Outstanding Rising Star Award

Photovoltaic Module

- 12-year product material and process warranty
- 25-30 years linear power output warranty

JA SOLAR
晶 澳 太 阳 能

- A-share listing, abbreviated as "JA TECHNOLOGY"
- Global market share > 10%
- Top European PV Brand
- Top 3 Global PV Shipments

LONGI 隆基

- A-share listing, abbreviated as "Longi Green Energy"
- Global market share >10%
- No.1 in China's PV industry
- Top 3 Global PV Shipments

Trinasolar
天 合 光 能

- A-share listing, abbreviated as "Trinasolar"
- Global market share >10%
- Leader in China's PV industry
- Top 3 Global PV Shipments

Inverter

- 5-year warranty starting from the date of successful completion and acceptance of the project

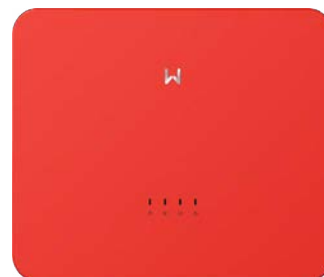
 **华为智能光伏**
HUAWEI



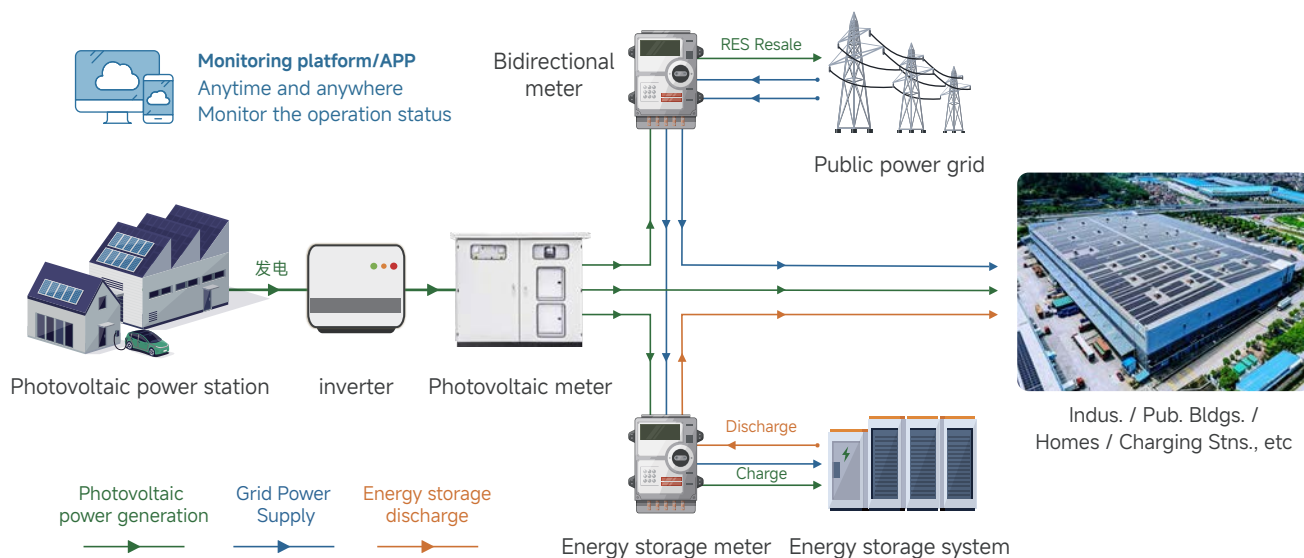
GROWATT
古 瑞 瓦 特



GOODWE
固 德 威



• Principle of Photovoltaic System



• Cooperative Model

EMC

Customer supplies rooftops, with discounted electricity and reduced power expenses.



Co-invest

Customer & SUNKWH co-invest and share solar benefits with fast ROI.



EPC

Sunkwh undertakes project construction and operation with client funding; all PV station revenue belongs to the client.



0 — Three modes, flexible investment —> 100%

• Advantages of Photovoltaic Projects



Generate for self-use, sell surplus



Utilize idle space, activate assets



Save energy, reduce emissions; lower costs, boost efficiency



Insulate and cool, protect the roof

• Installation Type

Color Steel Tile PV [Color steel tile roof]

Heat insulation and waterproofing, extending the service life.



Special fixture fixation



Mounting installation



Overall completion

Canopy PV System [Concrete roof]

Dual benefits of Power generation and Space utilization.



Column installation



Mounting installation



Overall completion

PV Array [Concrete roof]

Our engineers calculated and customized the optimal installation angle to maximize power generation.



Column fixation,
mounting installation



Installation of PV panels



Overall completion



• Structural Waterproofing Technology

Integrated structural design: Integrated design for waterproofing, diversion, and drainage at only 2–3% extra cost. With built-in channels forming a bidirectional high-efficiency drainage network.



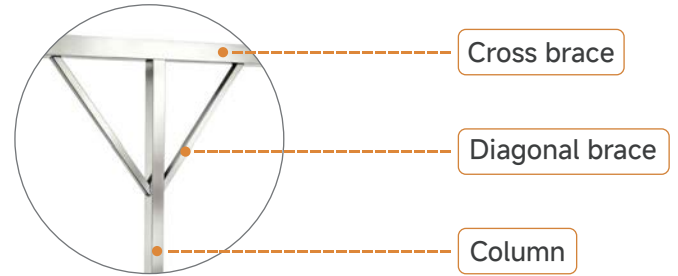
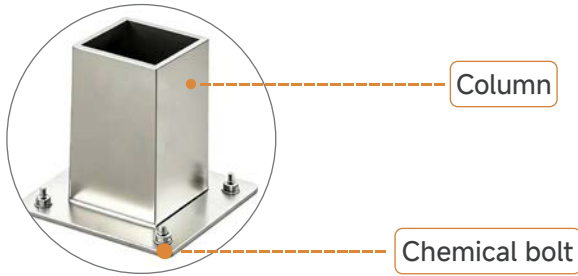
Stable & durable protection: Each PV panel is secured with 3 clamps (4 at edges), enhanced wind resistance by 50–100%. With ample bracing, the system remains intact even through severe hurricanes.



Herringbone roof design: Unique herringbone roof design directs rainwater naturally to both sides, while creating extra usable space for leisure or storage—delivering both power generation and spatial value.



• Product Specifications



304 Stainless Steel

- Column/ Main Beam: 100×100×1.2mm
- Diagonal/ Horizontal Brace: 100×50×1.0mm
- Advantages: stable, corrosion resistance, low load.



Galvanized Aluminum-Magnesium

- Column/ Main Beam: 100×100×2.0mm
- Diagonal/ Horizontal brace: 60×40×2.0mm
- Advantages: corrosion resistance, high strength, cost-effectiveness.



I-Beam Steel

- Columns/ Beams: hot-rolled (HM250×100)
- Beam: rolled-edge C-shaped steel
- Advantages: bending resistance, stable loading.



Aluminum Material

- Material: Aluminum Alloy 6005-T6
- Advantages: corrosion resistance, low load, aesthetic & practical.



I-beam steel structure

• PV Monitoring System

30 years
After-Sales

30 years
Module Power
Guarantee

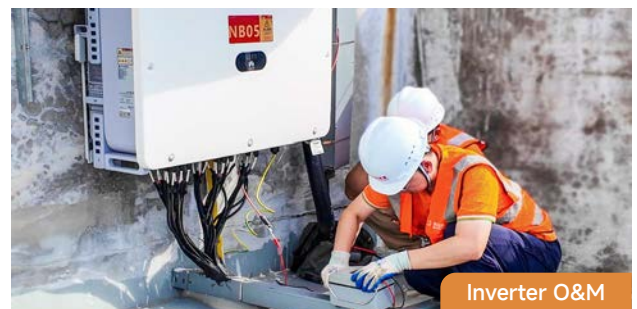
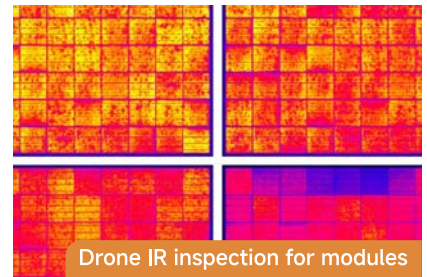
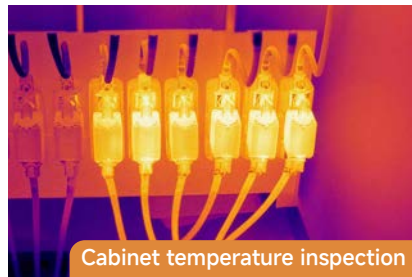
5 years
System
Warranty

SUNKWH is dedicated to elevating technical service standards. Our intelligent cloud platform offers real-time monitoring of every module, delivering precise data on voltage, current, and power. By quickly identifying and locating faults, we maximize O&M efficiency, minimize costs, and ensure the long-term reliability of your assets.



• PV O&M Content

Mature intelligent systems underpin reliable O&M management, SUNKWH offers standardized and customized services to guarantee stable long-term performance of PV power stations.







Danzao New Energy, Foshan

Installed Capacity: **8.2MW**

1st-Year Generation: **8.6GWh**







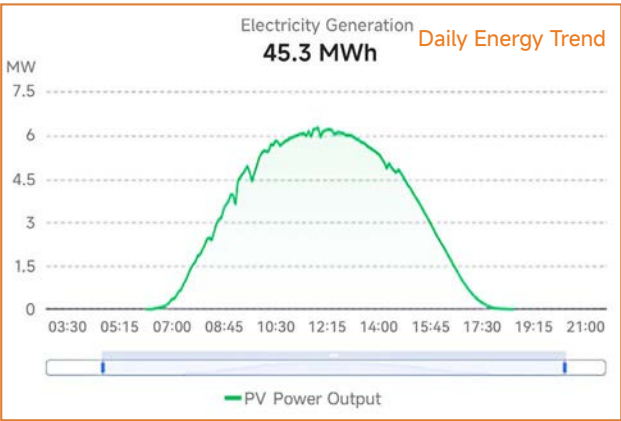








📍 Auto Parts City | Installed Capacity: **8.3MW** | 1st-Year Generation: **9.55GWh**





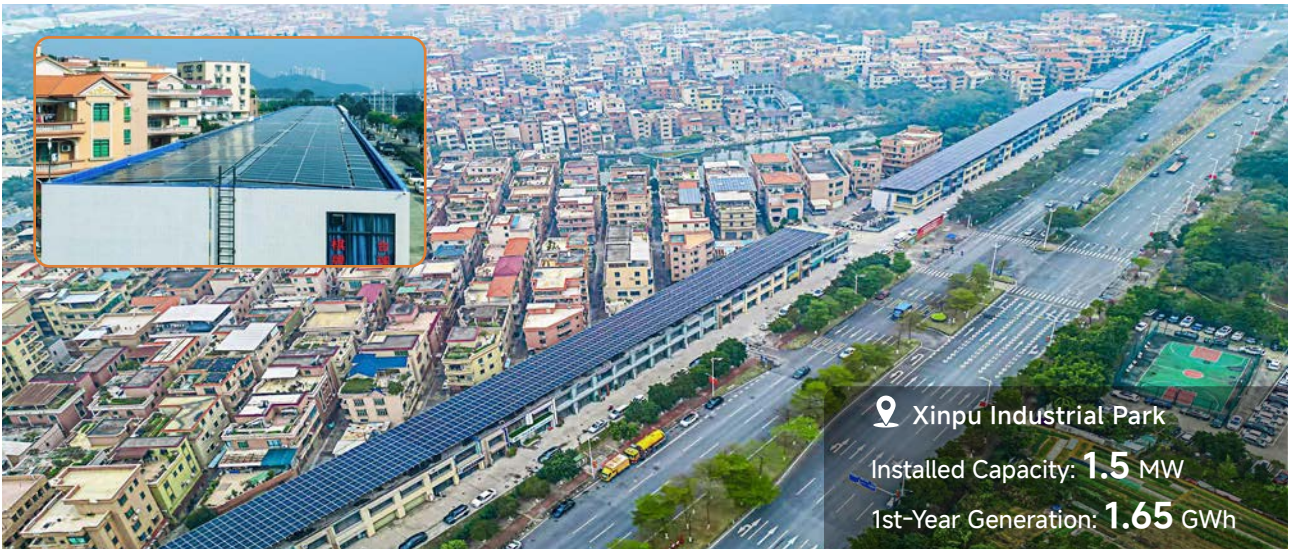


📍 Zhaoqing, Feiya Industrial Park
 Installed Capacity: **5.53** MW
 1st-Year Generation: **6.1** GWh



Guangdong Solar Energy Assoc
 Guangdong Benchmark PV Power Station

📍 Nanhua Logistics Park
 Installed Capacity: **5** MW
 1st-Year Generation: **5.25** GWh



📍 Xipu Industrial Park
 Installed Capacity: **1.5** MW
 1st-Year Generation: **1.65** GWh





📍 Guangfo Auto City(Foshan) | Installed Capacity: 8.75MW | 1st-Year Generation: 9.65GWh





📍 Chongqing High-tech Park | Installed Capacity: 5.2MW | 1st-Year Generation: 6GWh













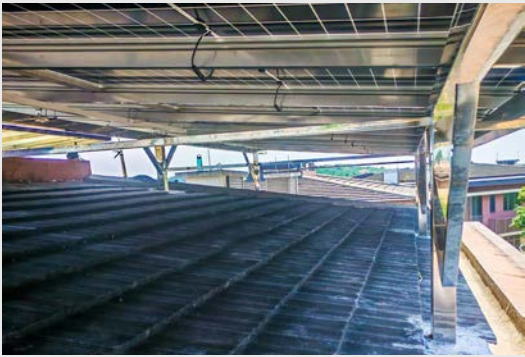
📍 Tingyin Lake School(Foshan) | Installed Capacity: 1.4MW | 1st-Year Generation: 1.6GWh









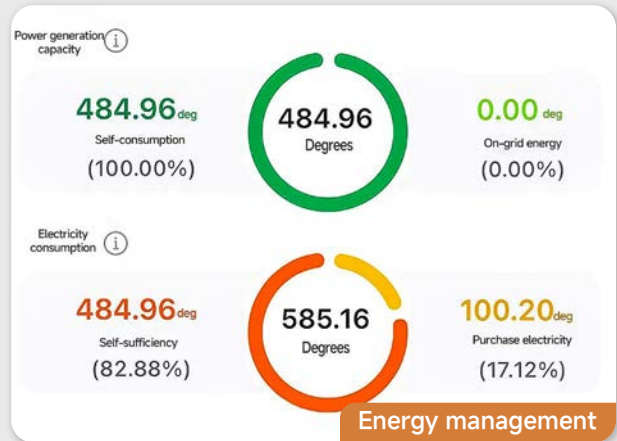
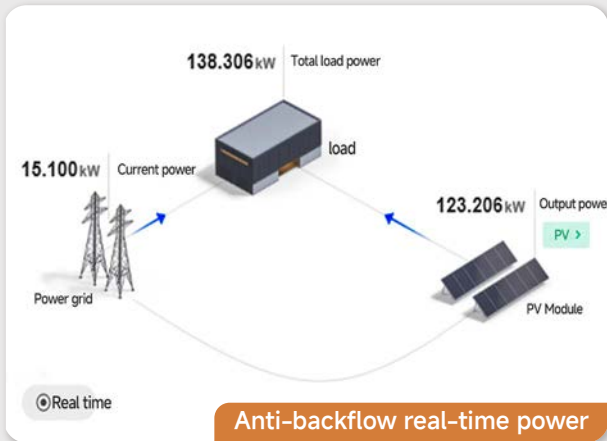




Roof PV carport

Property Management Company(Foshan) | Installed Capacity: 1.5MW | 1st-Year Generation: 1.35GWh

Our system monitors electricity load, dynamically adjusts PV power generation, and prevents grid backfeeding. 100% green energy, peak load reduction, and higher investment returns.



Peak shifting:

Charge off-peak, discharge on-peak.

Capacity expansion & demand reduction:

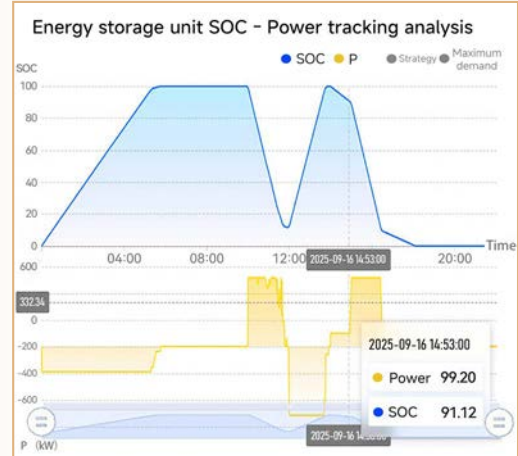
Lower user monthly demand charges, expand factory distribution capacity.

Power quality improvement:

Stabilize distribution voltage & ensure transformer load stability.

Integrated energy management:

Provides flexible energy storage for PV systems, charging stations, and electrical appliances.



📍 Mocai Energy Storage Project
 🔋 ESC:1039.6kW/1145kWh



📍 Haitai Energy Storage Project
 🔋 ESC:599.68kW/783kWh



📍 Chancheng Huayuangdong Charging Station Energy Storage Project
 🔋 ESC:125kW/261kWh



Residential PV & energy storage forms a home microgrid with intelligent management. It maximizes green power use, ensures backup power, improves economy and enables zero-carbon living.

Grid connection + Energy storage

self-consumption,
surplus feed-in, energy storage support



Anti-reflux + Energy storage

self-consumption,
surplus feed-in, energy storage support

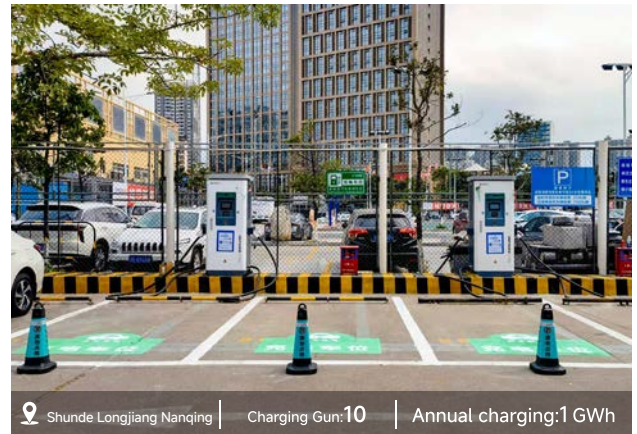
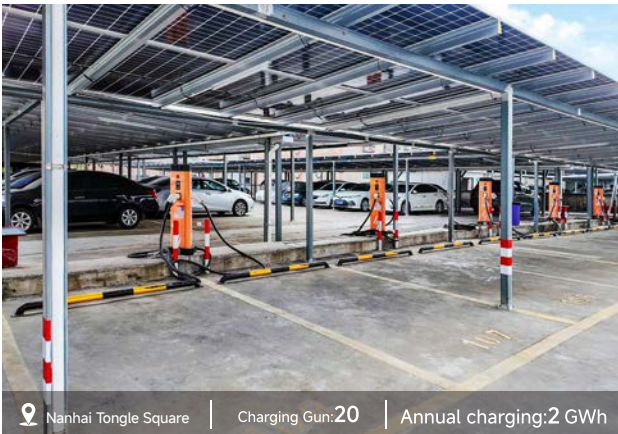
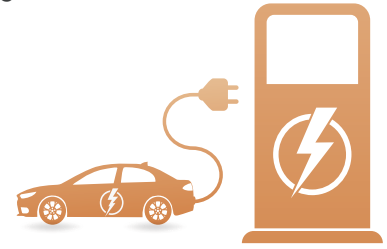


Multi-scenario precise matching

Customized solutions for scenic spots, enterprises, etc. Supporting diverse investment models.

Convenient charging service

Connects to platforms. Users charge via QR code, enjoy time-based discounts, with easy operation and hassle-free after-sales.



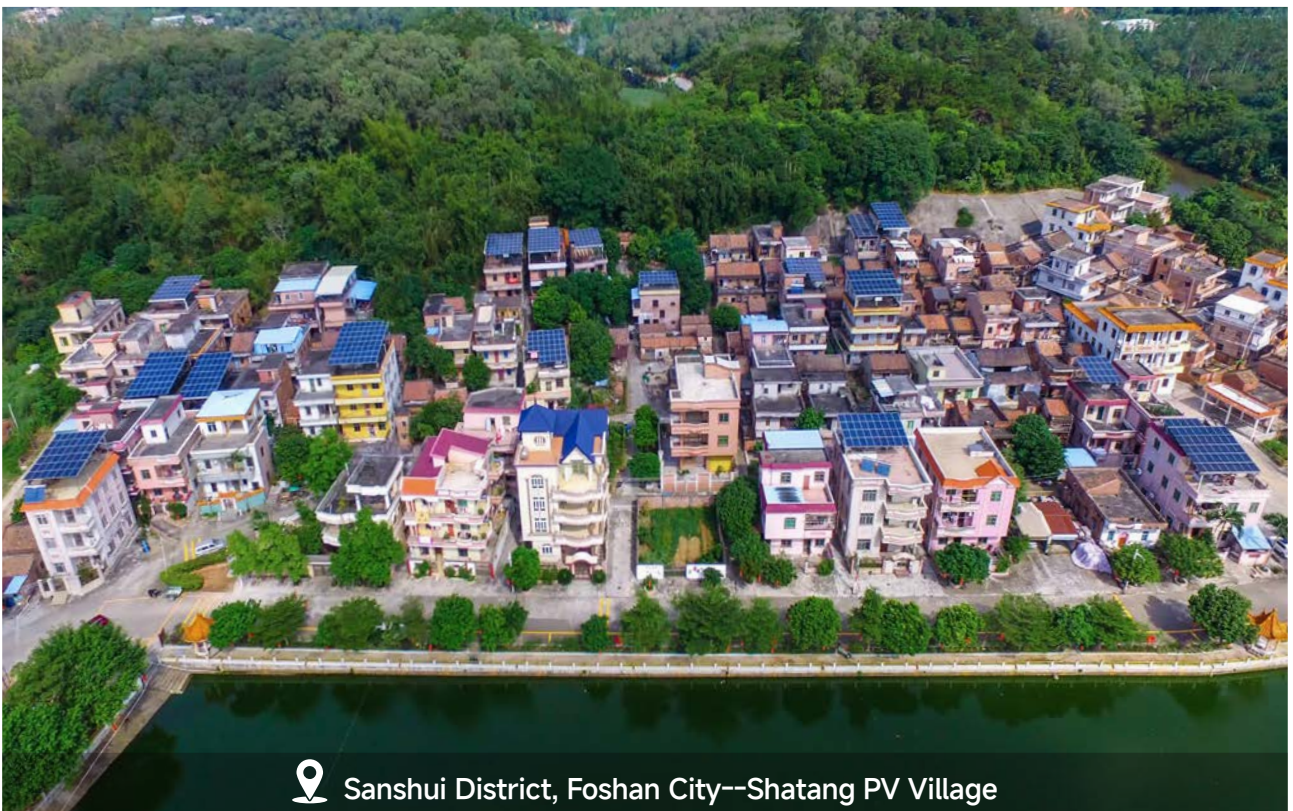
As an industry leader, SUNKWH is committed to public welfare and social responsibility, driving green energy for livelihoods. In 2018, it fully funded and operated its first large-scale public welfare PV Village in Shatang, a provincial model civilized village in Sanshui District, Foshan. From 2022 to 2024, it assisted in building “Zhigong Bus Shelters” in Hexie and Tianqiao Villages, Nanshan Town, Sanshui.



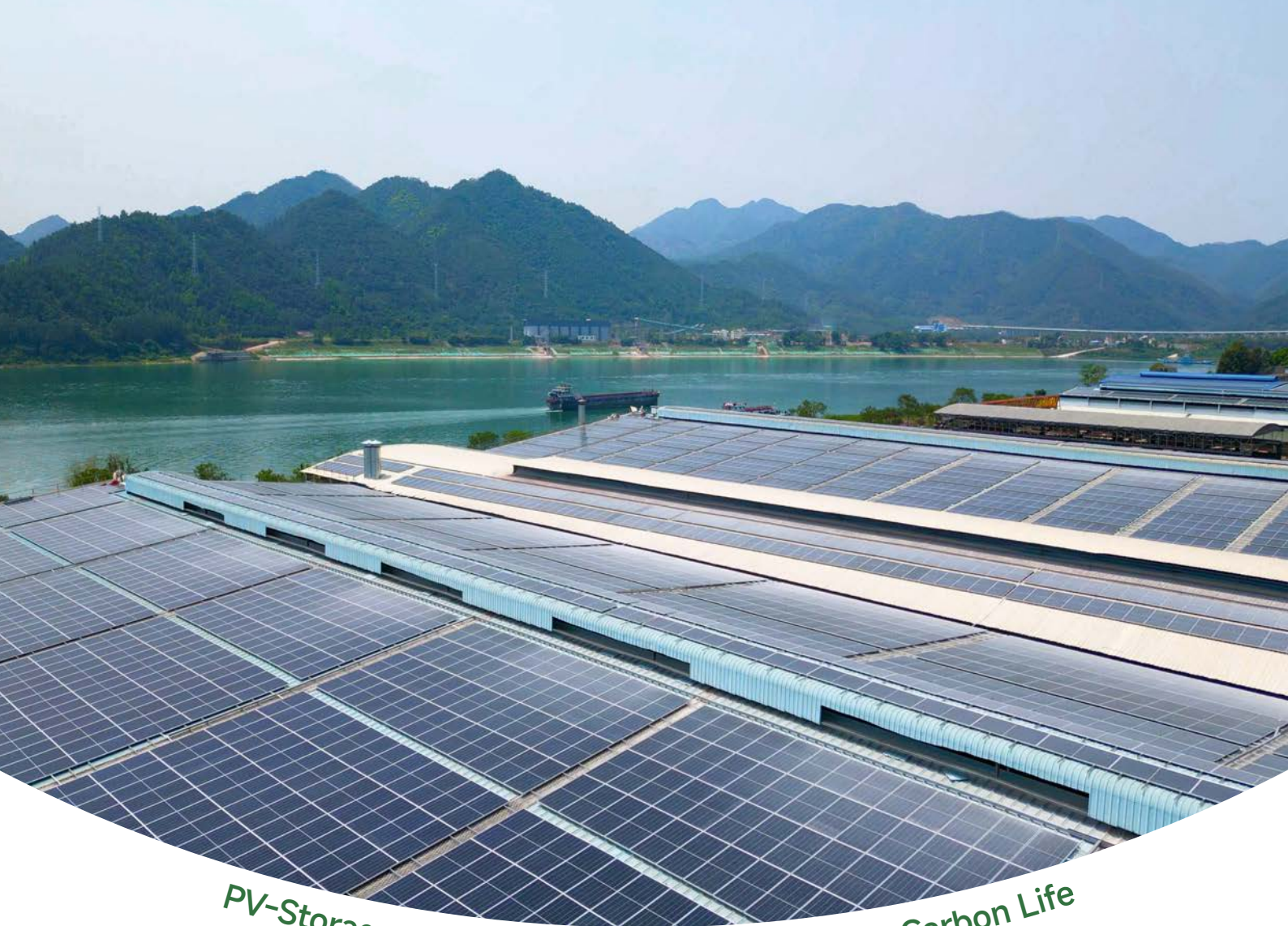
📍 Tianqiao Village, Nanshan Town, Sanshui District--"Zhigong Bus Shelter"



📍 Zhigong Bus Shelter, Foshan



📍 Sanshui District, Foshan City--Shatang PV Village



PV-Storage-Charging Integration for a Zero-Carbon Life

GUANGDONG SUNKWH ENERGY CO., LTD.

Tel: 400-900-8760

Website: <https://www.sunkwh.com>

Add: Nanhai District, Foshan City, Guangdong Province



Instagram



TikTok



YouTube



Facebook