SUNFLX

COMPANY PROFILE

2026



A Worldwide
Residential Solar Storage Inverter & Lithium-ion Battery Manufacturer

WhatsApp:
+86 18011343371

E-mail:
Sales@sunflx.com

WHO IS SUNFLX ?

Sunflx New Energy Co Ltd

A Worldwide Solar Storage Inverter & Lithium-ion Battery Manufacturer

1 BASIC INFOMATION

Company History :

Being in the power supply industry Since 2015.

Scale:

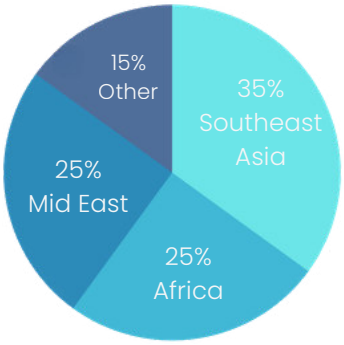
120+ employees, 6,000+ sqm manufacturing base, exporting to 30+ countries.

Business Type :

Residential Solar Storage Inverters and Lithium-ion Batteries manufacturer.

Core Products :

- 1-10kW On/off grid solar inverters
- 6-20Kw hybrid solar inverters
- 2.5Kwh-32Kwh energy storage batteries.
- Sunflx Cloud IoT Monitor Platform.





















Market and Application scenarios :

Home Energy Back-up System and Small Business.

South East Asia 35% , Africa 25% ,Mid East 25% and Other(15%)

Operations:

- **R&D Center (Main Office), Shenzhen:** The company's innovation engine and strategic headquarters.
- **Manufacturing Base, Foshan:** State-of-the-art production featuring ISO-certified processes and fully automated SMT lines for high-quality PCB Assembly.
- **Marketing Center, Chengdu:** Dedicated to providing responsive sales and comprehensive customer support across the region.

Certifications:

Comply with international standards, includingIEC 62109, IEC 61000, IEC 61683, IEC 61727, IEC 62116, IEC 62619 etc.

We are a certified "National High-tech Enterprise".

2 BUSINESS STRATEGY



Sunflx keeps R&D up-to-date on solar power supply products and offers a wide range of choices for our clients.

- We constantly work with global distributors and build worldwide service centers to provide stable products and services to end users.
- We provide OEM services to our strategic partners in certain markets to build long-lasting, mutually beneficial cooperation.

3 SUNFLX BRANDING MENAING

S U N	F	L	X
symbolizes the power of Solar Energy	stands for "Functional"	stands for "Longevity"	signifies "eXtremely"

So Sunflx represents "eXtremely Functional and Longevity Solar Energy".



SLOGAN :

MADE STRONG
SUNFLX POWER LONG

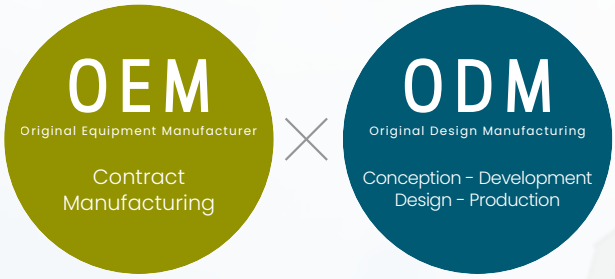
VISION: To become the world's leading technology-driven brand in Residentail Solar Energy Storage Industry

MISSION: To provide high-performance, stable, and smart solar and energy storage solutions for global households through innovative technology.



1 GROW WITH OUR DISTRIBUTORS

Sunflx products are open for distribution worldwide. By joining hands with our distributors, we create effective marketing campaigns and help them grow their sales. With high-quality, durable products and timely technical support, we make it much easier for our distributors to develop local dealer networks and grow rapidly with Sunflx.



2 OEM/ODM SERVICE

With an in-house team of hardware and software engineers, we develop up-to-date featured products and provide OEM/ODM services to global companies. Equipped with modern automated equipment and an SMD line, our ISO-certified manufacturing process ensures products are highly consistent and stable.

OUR ADVANTAGES

SUNFLX

1 MARKET DRIVING

Every year Sunflx will attend many exhibitions and visit many countries for on-site market research. So that we ensure the most up to date market insights and we keep our products is exactly market demands. So our customers will always have the best products in the market.

2 R&D DRIVING

80% of Sunflx office members are engineers. Our core hardware and software engineers all have over 10 years of experience. We have the ability to develop new features, modify physical structures to meet specific applications, and continuously develop new technologies.

3 DURABLE QUALITY

At Sunflx, we never push components to their absolute maximum electrical performance. Our extensive experience has shown that operating components at 80% of their capacity ensures optimal efficiency and longevity. This principle has set Sunflx inverters apart from competitors, consistently demonstrating durability among end users over the past decade.

4 FLEXIBLE AND FAST REACTION

Sunflx is a fast-growing company. We care about every customer's needs and market demand, and we can react quickly to your requirements through on-site checking ,on-line video meeting and provide tailored solutions.
No high MOQ, No strict policies We do whatever benefits our clients.
"Flexibility" is at the core of Sunflx.

5 LONG-TERM VISION

Sunflx is dedicated to the solar industry for the long term. With this mindset, we are not hurried by short-term benefits. We consistently build our foundational structures, such as our knowledge base, product range, certifications, and after-sales system.



ON/OFF GRID SOLAR INVERTERS

IP21 Protection degree :



1.2Kw 12V PV 2000W
2.4Kw 24V PV 3000W
3.6kw 24V PV 4000W

4Kw 24V PV 6000W
4Kw 24V PV 2*4000W

3.6Kw 48V PV 4000W
6.0Kw 48V PV 7500W
6.0Kw 48V PV 2*5000W

8.2Kw 48V PV 12000W
10Kw 48V PV 12000W

IP54 Protection degree :



4.2Kw 24V PV 6000W

6Kw 48V PV 8000W

HYBRID SOLAR INVERTER

IP65 Protection degree

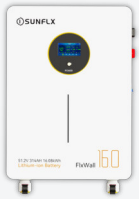


Single Phase
6Kw 48V PV 7800W
8Kw 48V PV 10400W
10Kw 48V PV 13000W
12Kw 48V PV 15600W

Three Phase
8Kw 48V PV 10400W
10Kw 48V PV 13000W
12Kw 48V PV 15600W
15Kw 48V PV 24000W
20Kw 48V PV 32000W

ENERGY STORAGE BATTERY(LITHIUM-ION)

FlxWall Series :



25.6V 100AH 2.56Kwh
25.6V 200AH 5.12Kwh
51.2V 100AH 5.12Kwh
51.2V 200AH 10.24Kwh
51.2V 300AH 15.36Kwh
51.2V 314AH 16.08Kwh

FlxStation Series:



51.2V 410AH 20.99Kwh
51.2V 460AH 23.55Kwh
51.2V 600AH 30.72Kwh
51.2V 628AH 32.15Kwh

LiEco Series :



12.8V 100AH 1.28Kwh
12.8V 200AH 2.56Kwh
12.8V 300AH 3.84Kwh
25.6V 100AH 2.56Kwh
25.6V 200AH 5.12Kwh

Download Catalog

QUICK SELECTION GUIDE

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IP21

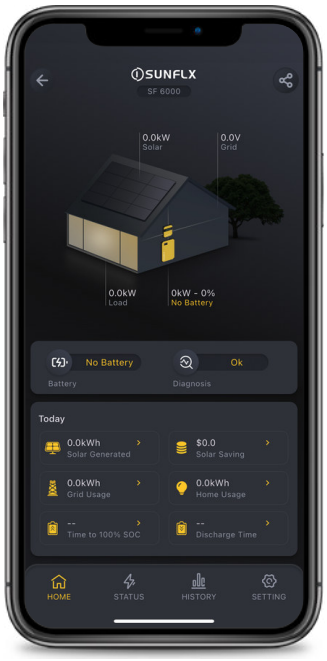
Product	Output		Battery		Solar Panel			Output Mode			Input
Model	Output Power	Parallel Units	Battery Voltage	Max. Hybrid Charging	Open Circuit Voltage	Max. PV Array Power	MPPT Input Current	Off-Grid	Work Without Battery	Hybrid	Generator
SF 1200 SE	1.2kW	/	12Vdc	60A	450Vdc	2000W	1*11A	√	/	/	/
SF 2400 SE	2.4kW		24Vdc	60A		3000W	1*11A				
SF 3600 SE	3.6kW		24Vdc	80A		4000W	1*18A				
SF 4000	4kW		24Vdc	120A	500Vdc	6000W	1*22A	√	√	/	√ (Extra ATS required)
SF 3600	3.6kW		48Vdc	80A		4000W	1*22A				
SF 6000	6kW			120A		7500W	1*27A				
SF 8000	8.2kW			150A	500Vdc+500Vdc	12000W	2*22A				
SF 10000	10kW			150A		12000W	2*22A				

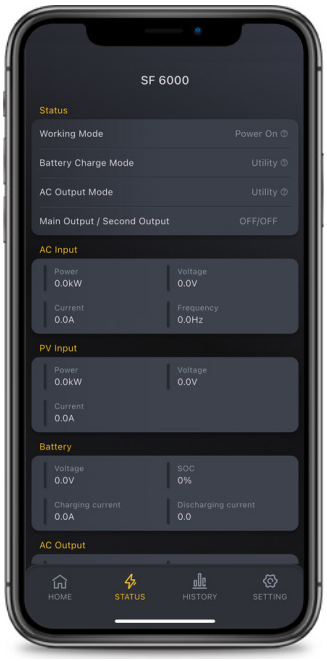
IP54

SG 4200	4.2kW	/	24Vdc	120A	500Vdc	6000W	1*18A	√	√	/	√
SG 6000	6kW		48Vdc			8000W	1*32A				

IP65

Product	Output			Battery		Solar Panel			Output Mode		
Model	Output Power	Output Phase	Parallel Units	Battery Voltage	Max. Hybrid Charging	Max. Open Circuit Voltage	Max. PV Array Power	MPPT Input Current	Off-Grid	Work Without Battery	Hybrid
SH-S6K	6kW	Single phase or three phase when in parallel	16 Units	48Vdc	135A	500Vdc+500Vdc	7800W	2*18A	√	√	√
SH-S8K	8kW		16 Units	48Vdc	190A	500Vdc+500Vdc	10400W	2*26A			
SH-S10K	10kW				220A	500Vdc+500Vdc+500Vdc	13000W	3*26A			
SH-S12K	12kW				250A	500Vdc+500Vdc+500Vdc	15600W	3*26A			
SH-T8K	8kW	Three phase	10 Units	48Vdc	160A	800Vdc+800Vdc	10400W	2*13A	√	√	√
SH-T10K	10kW				200A		13000W	26A+13A			
SH-T12K	12kW				240A		15600W	26A+13A			





Sunflx Cloud App

Download on the App Store

GET IT ON Google Play

Sunflx Cloud App is a Configure and Monitor App Now Available in App Store and Google Play

Work with Sunflx Smart Dongle, supports both Bluetooth and Wi-Fi connection, which enables you managing your solar device with or without internet connection.

Key Features

- **Real-Time Monitoring**
  Keep an eye on your solar equipment's live performance and system status.
- **Easy Settings**
  Personalize your device settings to get the best out of your system.
- **Demo Devices**
  Check out the demo library to explore Sunflx features and see what the products can do.
- **Historical Data**
  View past data like power generation, energy use, and grid consumption to assess your system's performance.
- **Firmware Updates**
  Update your device firmware with just one tap to stay up to date with the latest features.
- **Status Sharing**
  Share your solar power achievements and savings with friends and spread the green lifestyle.
- **Product Veri cation**
  Verify your products quickly to ensure they're genuine with Sunflx Cloud.

APPLICATION CASES

SUNFLX













CONTACT US

Arrange a On-Line Meeting Now!

Welcome to visit the factory

WhatsApp:
+86 18011343371

E-mail:
Sales@sunflx.com

www.sunflx.com

Sunflx Solar

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Manufacturing Base:
7/8 F, Building 3, Wanchuang Park, No 83 Zhanlun Road, Honggang, Daliang, Shunde, Foshan, Guangdong, P.R.China

ShenZhen Office:
Building M, Shangxue Industry Zone, LongGang, ShenZhen, GuangDong, P.R.China

Chengdu Branch:
8th Floor, Unit 1, Building 12, Block B, UESTC National University Science and Technology Park, No. 1 Shuangxing Avenue, Huangjia Subdistrict, Shuangliu District, Chengdu, Sichuan, China

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