



Bankable. Reliable. Local.

# Developing Technology to Power the World with Clean Energy



w: [solisinverters.com](http://solisinverters.com) / Stock Code: 300763.SZ

Made by Ginlong Technologies



# About Us

Established in 2005, Ginlong Technologies is one of the world's largest and most experienced manufacturers of solar inverters for utilities, commercial & industrial, and residential use.

Trading under the brand name Solis, our cost effective and innovative string inverter technology is optimised for local markets, delivering significant long-term return on investment and accelerating the transition to a more sustainable future by reducing the global carbon footprint.

Our vertically integrated, state-of-the-art manufacturing capability controls the entire production process from component sourcing to product distribution. This guarantees the highest possible quality standards for our customers and enables us to confidently adhere to stringent international regulations.

**Single Phase - No. 2 Globally**  
**Three Phase - No. 3 Globally**

Source data - Wood Mackenzie

# Solis History

The company's founder Yiming Wang maintains a keen interest in the next generation of green energy entrepreneurs.

He established a joint academic partnership and was invited to be the industry advisor for the Master Programme at China-UK Low Carbon College, Shanghai Jiaotong University.

## Key Milestones



# Global Reach, Local Expertise

With offices and service centres around the world, including the UK, Netherlands, Spain, Australia, South Africa, USA, Brazil, Mexico, India and China, Solis has a well-established and expanding global presence.



## In-country inverter experts committed to your success:

- Hassle-free service delivered by local technicians available by phone and on-line
- Solis three-step after-sales support defines service excellence



# Solis Global Structure



Our teams have **achieved over 20GW** global Installations



We employ over **2000 employees** worldwide

# Solis Financial Stability

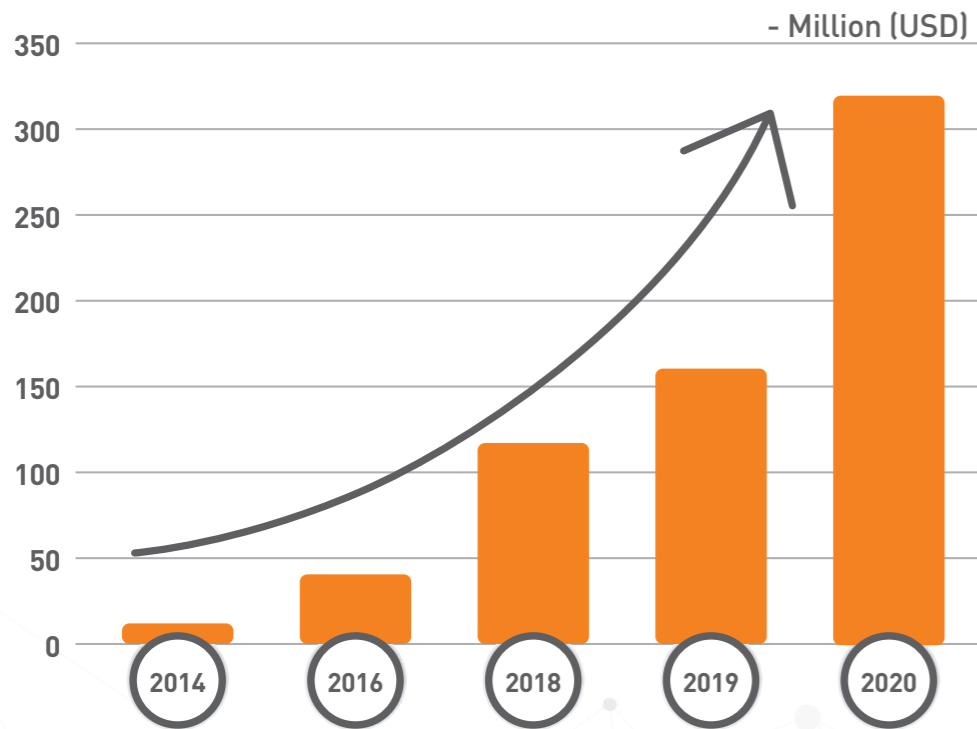
We remain committed to our global expansion plans, building upon our strong presence in Europe as well as Asia and the Americas.

Ginlong Technologies were the first company with a primary focus on string inverters to be listed on the Shenzhen Stock exchange and we are proud to be endorsed by leading US banks and financial institutions including Bank of America, JP Morgan Chase & Co. and Mosaic to name a few.

**Our proven bankability ensures solid long-term return on investment as we continue our journey towards a more.**



## \$ Global Sales



Total assets of **\$454+ million USD** with no bank debt



100% of inverters are duration tested to reduce failures during installation

## Understanding our Customers

Ginlong Technologies manufacture and develop products for all solar market sectors. Our strength in research and development, coupled with our world class supply chain and manufacturing capabilities mean we are able to tailor and optimise our products for regional markets. All customers are supported by our industry-leading team of local technicians, who are available online, on the phone and in the field.

## Technical & Industry Expertise

Over 300 engineers and scientists are employed to innovate, develop and source components for Solis inverters. It is their keen eye for detail and stringent quality control processes which have contributed to the achievement of multiple product awards and our reputation for reliability. We strive for excellence in innovation, developing unique, cost effective customer driven solutions, all of which are produced in our state-of-the-art manufacturing base.



Endorsed by BloombergNEF as a **top 3 bankable Asian inverter brand**



Manufacturing capacity **20 GW+**

**Top-of-range Lifespan Projection** in String Inverter Category as Validated by DNV-GL

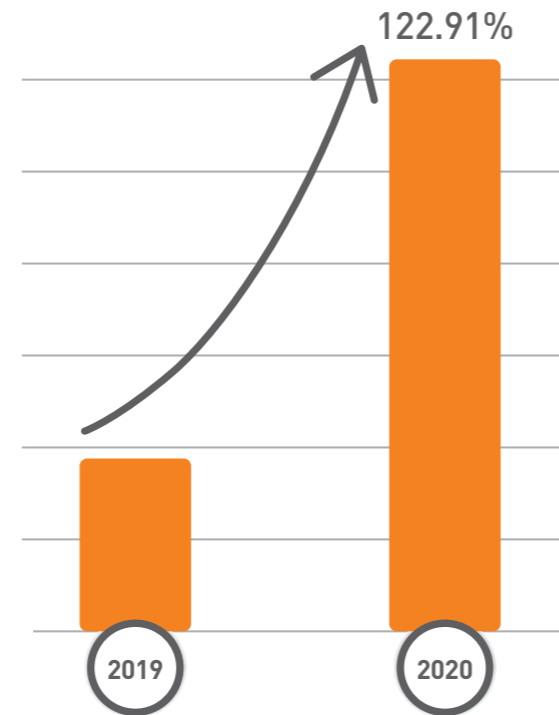


Solis was the **first inverter manufacturer to pass PVEL inverter reliability testing**

# Solis Research, Development & Innovation

We put a high focus on R&D to keep up with the demands and pace of change in the renewable energy sector. Solis has been actively involved with Chinese national bodies in the formulation of 10+ national and industrial standards and has developed two national standards. As a key participant in laying down industrial standards for solar string inverters, Solis takes its responsibility very seriously. Our vast R&D team has helped obtain approvals on multiple domestic and foreign authorised patents, and we remain one of the pioneers at the cutting edge of change in the industry.

The MPPT design with precise MPPT algorithm developed by the company can break through 99.1% of the maximum conversion efficiency. Solis residential inverters, compatible with high power/ bifacial solar modules set a new record of high current input for the string inverter industry, allowing users to enjoy higher energy generation and increased income.



**R&D expenditure increases year on year**



**National Academician Workstation**  
Industry-University-Research Cooperation

“Since its launch in 2005, Solis has been driven by innovation and development. **Continuously improving its ability to respond to global market demands now offering fifth generation technology.**” - Mr. Zhang- Chief Product Manager at Solis Global HQ



**300+**  
Technicians



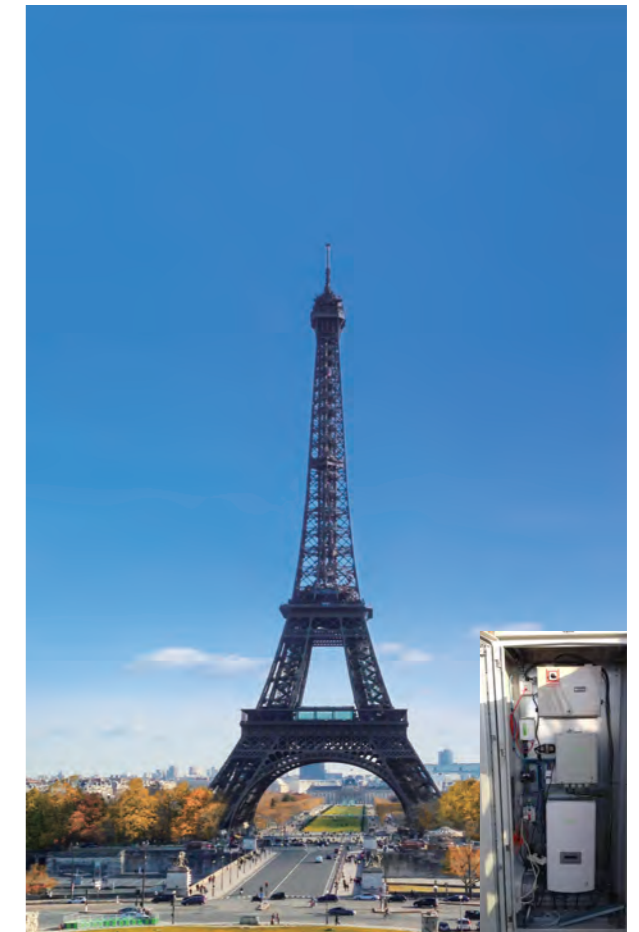
**National Enterprise Technology Center\***

\* China's national level of recognition

**Solis Awarded Top Brand PV inverters by EuPD Research for 6 consecutive years**

# Corporate Social Responsibility

The team at our headquarters and manufacturing base in China recently received the “National Green Factory” award by the regional Zhejiang Provincial Economic and Information Commission for our positive impact on the local community, environment and economy. Our efforts to uphold our Corporate Social Responsibility policy incorporates activities in areas such as product design, supplier management, waste management, energy consumption, infrastructure and public welfare.



## Product Design

Our attention to detail during the design process has led to a number of technical changes to reduce the weight and quantity of materials required per product, without compromising quality. We adopt an ecological design approach at all times, reducing and replacing harmful substances with more environmentally friendly materials – a process which is fully documented and certified.

## Supply Chain Management

Every Solis supplier signs and commits to an environmental protection agreement which ensures all products meet the requirements of the RoHS directive and do not violate any environmental protection conditions.

## Waste

All industrial solid waste is recycled and reused except domestic waste, which is pre-treated by an oil separator (for kitchen waste) and then treated by our septic tank to meet the level 3 standard of Comprehensive Sewage Discharge Standard (GB8978-1996) before entering the Xiangshan County sewage treatment plant.

Solis has a dedicated warehouse for recycling raw materials and products, encouraging third party suppliers to repurchase materials for reuse. The recycling rate of our products is calculated in accordance with GB/T20862.

## Energy Consumption

Solis employs a dedicated in-house energy management team which is responsible for energy conservation and reducing the consumption of energy during the production process. In 2014, we built photovoltaic power stations and an intelligent micro-grid to power our factory. The current grounds and parking lot contain over 2,000 photovoltaic modules with an installed capacity of 0.542MWp and an annual capacity of 542,000 KWH.

In 2018, our annual electricity consumption from our photovoltaic modules was 3.2 million kilowatt hours, accounting for 16.8% of the factory total, exceeding our target of 10%.





### Public Welfare

Solis encourages all employees to participate in a variety of public welfare activities, led by our senior management team who have a strong sense of social responsibility. Solis is developing rapidly and we are committed to give back to society, providing educational assistance, alleviating poverty and contributing to social emergency funds.

At the start of 2020, the company donated 1 million Yuan to first-line medical workers from The Designated Ningbo Hospital to aid COVID-19 diagnosis and treatment. A total of 10,000 masks were donated to the People's government of Xiangshan County to help provide protection and prevent the spread of the pandemic. A total of £2.6 million yuan has been donated to charitable causes in 2020.

“Our mission to reduce the world’s carbon footprint is an ongoing challenge, and we are making good progress.”

### Corporate Buildings & Infrastructure

Solis conducts the construction of our corporate buildings and factories in accordance with the relevant national standards and develops detailed plans for environmental protection, safety, energy conservation and occupational health.

We select building materials with low aggregate energy and high durability to reduce energy consumption during their life cycle. Throughout the grounds we have planted local flora and fauna, ensuring that the proportion of external permeable ground cover is no less than 30% of the total area.

### Carbon Footprint

Our carbon dioxide emissions in 2018 have been calculated as 9502.87T. Solis produced a total of 228,450 distributed string series inverters throughout the year. The carbon footprint of a product has been calculated as:  $E = 9502.87/228450 = 0.042tCO_2e/ \text{unit}$  and the carbon footprint of a distributed grid-connected inverter is 0.042tCO<sub>2</sub>e/ unit.

Our mission to reduce the world’s carbon footprint is an ongoing challenge, and we are making good progress.

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