Five Reputable Hybrid Solar Inverter Manufacturers in China 2026: Advancing Energy Storage Solutions

Exploring Inverter Performance, Battery Integration and Flexible Energy Applications



Logo for GOTOSOLAR

CALIFORNIA, CA, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- FOSHAN, China, September 8, 2026— As solar-plus-storage systems continue to expand across residential, commercial, and off-grid applications, hybrid solar inverters are playing an increasingly practical role in coordinating photovoltaic generation, battery storage, and power supply. For international buyers, supplier evaluation therefore extends beyond rated power and product specifications to include engineering capability, manufacturing consistency, customization support, testing procedures, certification readiness, and the ability to maintain reliable supply. FOSHAN SOLARUP TECHNOLOGY CO.,LTD, operating under the GoToSolar brand, is among the manufacturers considered in this 2026 overview, together with Foshan SNAT Energy Electrical Technology Co., Ltd., Shenzhen Soro Electronics Co., Ltd., Zhejiang Shengyang New Energy Co., Ltd., and Shenzhen Jirisolar New Energy Technology Co., Ltd. Their product portfolios and manufacturing approaches provide different points of reference for buyers assessing hybrid solar inverter suppliers in China.

Market context: what buyers are evaluating in hybrid solar inverter suppliers

In 2026, hybrid solar inverter procurement is increasingly connected with the broader

requirements of solar-plus-storage system design. Residential energy storage, off-grid power supply, backup applications, and selected commercial projects can require different combinations of PV input, battery compatibility, charging and discharging control, monitoring functions, and grid or generator integration. As a result, buyers are placing greater emphasis on whether a manufacturer can provide products that are technically aligned with the intended application.

Supplier assessment is also moving beyond the inverter itself. International buyers may review a manufacturer's engineering and customization capabilities, quality-control procedures, product testing, certification documentation, production organization, delivery arrangements, and technical support before moving to an order. For OEM and ODM projects in particular, the ability to adapt hardware, software, communication functions, product appearance, and packaging can influence whether a supplier is suitable for long-term cooperation.

Within this procurement environment, Chinese hybrid solar inverter manufacturers offer different combinations of product development, manufacturing, energy-storage integration, and application experience. Examining these capabilities on a consistent basis can help buyers distinguish between suppliers according to project requirements rather than relying solely on product price or a single technical specification.

FOSHAN SOLARUP TECHNOLOGY CO.,LTD. (GOTOSOLAR): Hybrid Inverter Manufacturing and Energy-Storage Capabilities

FOSHAN SOLARUP TECHNOLOGY CO.,LTD, operating under the GoToSolar brand, has more than 20 years of experience in photovoltaic and energy-storage equipment. The company has an R&D team of 25 engineers and approximately 320 employees, with manufacturing facilities in Foshan, Yingtan, and Yiwu covering about 40,000 square meters in total. Its product portfolio includes hybrid solar inverters, solar inverters, and PWM/MPPT solar charge controllers.

The company reports annual shipments of more than 1 million solar charge controllers and daily hybrid inverter production capacity of more than 2,000 units. Its products have been supplied to more than 120 countries and regions, with approximately 80% of output exported. Africa and the Middle East are among its established markets, while company materials also identify FOSHAN SOLARUP as an authorized partner of Deye.

For customized projects, FOSHAN SOLARUP provides OEM, ODM, OBM, and JDM cooperation models. Customization can cover PCB layout, enclosure design, display screens, startup logos, interface languages, charging algorithms, communication protocols such as RS485 and Modbus, and packaging. The company states that sample lead times are generally 7–10 days, with bulk orders typically arranged within 30–45 days depending on customization requirements.

Quality procedures include incoming inspection, in-process quality control, 100% aging testing, final inspection, and out-of-box audits. The company also supports third-party inspections and provides online technical assistance and troubleshooting materials. Its product and quality documentation covers ISO9001:2015, CE, RoHS, EN, IEC, and other applicable standards and certifications.

A GoToSolar product example is an 8.2 kVA / 8,200 W 48V single-phase hybrid solar inverter with IP65-rated protection and parallel-function capability, targeting residential and light-commercial solar-plus-storage applications.

Foshan SNAT Energy Electrical Technology Co., Ltd.

Foshan SNAT Energy Electrical Technology Co., Ltd. develops solar and energy-storage equipment, with products covering hybrid inverters, off-grid inverters, solar generators, lithium batteries, and solar charge controllers. Its portfolio also includes residential and commercial energy-storage solutions designed for applications that combine photovoltaic generation with battery storage.
The company's hybrid inverter products are positioned for different solar-storage configurations, while its broader product range allows buyers to source related inverter, battery, and energy-management equipment from the same supplier. SNAT also provides customized solutions for customers with specific system or product requirements.

Shenzhen Soro Electronics Co., Ltd.

Shenzhen Soro Electronics Co., Ltd. focuses on power-electronics products for solar and backup-power applications. Its portfolio includes hybrid inverters, off-grid inverters, three-phase hybrid inverters, and energy-storage systems, covering different configurations for residential, commercial, and other distributed power applications.
The company's product offering also incorporates functions related to battery management, system monitoring, and different operating modes. In addition to standard products, SORO provides engineering and OEM/ODM support for customers requiring adaptations to specific power-system requirements.

Zhejiang Shengyang New Energy Co., Ltd.

Zhejiang Shengyang New Energy Co., Ltd. develops products across solar inverters, energy-storage battery packs, portable power supplies, and home energy-storage systems. Its inverter portfolio includes solar storage inverters and hybrid inverter solutions, providing products for systems that integrate photovoltaic generation with battery storage.
Selected models incorporate functions such as MPPT control, battery management, and WiFi or GPRS connectivity, depending on the product configuration. The company also provides OEM/ODM services, allowing its products to be adapted to different application and market requirements.

Shenzhen Jirisolar New Energy Technology Co., Ltd.

Shenzhen Jirisolar New Energy Technology Co., Ltd. focuses on photovoltaic off-grid and energy-storage applications. Its product range includes hybrid inverters, off-grid inverters, solar charge controllers, lithium batteries, and integrated solar-storage systems, covering equipment used in residential and off-grid power configurations.
Jirisolar's portfolio includes single-phase and three-phase hybrid inverter solutions, with selected products supporting different battery and solar-system configurations. The company also offers OEM/ODM customization for private-label and application-specific inverter products across residential, off-grid, and selected commercial applications.

How to Compare Hybrid Solar Inverter Manufacturers

For international buyers evaluating hybrid solar inverter manufacturers, a consistent supplier-assessment process can help reduce differences caused by varying product descriptions and marketing materials. Key points generally include inverter configuration, battery compatibility, PV input requirements, operating modes, protection functions, communication interfaces, certification documentation, testing procedures, and technical support.
For OEM and ODM projects, buyers may also examine whether the manufacturer can support product adaptation, including PCB configuration, enclosure design, display interfaces, communication protocols, language settings, charging algorithms, and packaging. Production organization, sample arrangements, quality-control procedures, and delivery capabilities are also relevant when assessing whether a supplier can support continued procurement after the initial order.
FOSHAN SOLARUP TECHNOLOGY CO.,LTD provides documented information covering these areas. Its published materials indicate that standard trial orders can start at 10 units, sample production generally takes 7–10 days, and 100% aging testing is conducted before shipment. These details can be used as part of a broader procurement checklist, while buyers should request model-specific technical specifications, certification documents, test records, and commercial terms directly from each supplier before making a purchasing decision.

Outlook: Documented Manufacturing Capability Remains Important

As solar-plus-storage applications continue to develop across residential, off-grid, backup-power, and selected commercial scenarios, hybrid solar inverter suppliers are increasingly being assessed as part of the wider energy-storage equipment supply chain. Product compatibility, system integration, manufacturing consistency, testing procedures, certification support, and

technical service can all influence supplier selection.
For international procurement, the ability to provide clear and verifiable product documentation is particularly relevant. Buyers may need to confirm whether specific inverter models match the required battery systems, PV configurations, communication standards, operating environments, and certification requirements before moving from product evaluation to order placement.
Within this supplier landscape, FOSHAN SOLARUP TECHNOLOGY CO.,LTD, operating under the GoToSolar brand, provides hybrid solar inverters alongside solar inverters and solar charge controllers, while also supporting OEM, ODM, OBM, and JDM cooperation. Its published manufacturing and quality information provides international buyers with a basis for further technical and commercial evaluation.
For buyers seeking additional information on GoToSolar hybrid solar inverters, product specifications, customization capabilities, and manufacturing arrangements, the company's official website provides further product and company information www.gotosolar.com.cn.

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