



NKOSITHANDILEB SOLAR

1x modular inverter with solar storage



Overview

What is a 1+x modular inverter?

Dubbed 1+X 2.0 Modular Inverter, the product uses inverter units with an output of 800 kW, of which 12 can be connected in parallel to a total capacity of 9.6 MW. “The 1+X 2.0 represents a paradigm shift for the utility-scale solar market,” said Lee Zhang, Vice President at Sungrow.

What is Sungrow 1+x 2.0 modular inverter?

Hefei, China, April 11th, 2025 /PRNewswire/ -- Sungrow, the global leading inverter and energy storage system provider, unveiled its groundbreaking 1+X 2.0 Modular Inverter for utility-scale applications during the Global Renewable Energy Summit 2025, held April 7-9.

When will Sungrow introduce a modular inverter?

Hefei, China, April 11th, 2025 /PRNewswire/ -- Sungrow unveiled its groundbreaking 1+X 2.0 Modular Inverter for utility-scale applications during the Global Renewable Energy Summit .

What is a modular inverter?

The 1+X 2.0 Modular Inverter features a more scalable block design (800kW to 9.6MW), stable operation without derating at temperatures up to 52 degrees Celsius, AI-driven fault detection, and pioneering grid-forming capabilities, meeting the high demands for superior performance, maximum availability, and enhanced reliability of the inverter.

1x modular inverter with solar storage

Dubbed 1+X 2.0 Modular Inverter, the product uses inverter units with an output of 800 kW, of which 12 can be connected in parallel to a total capacity of 9.6 MW. "The 1+X 2.0 represents a paradigm shift for the utility-scale solar market," said Lee Zhang, Vice President at Sungrow.

Hefei, China, April 11th, 2025 /PRNewswire/ -- Sungrow, the global leading inverter and energy storage system provider, unveiled its groundbreaking 1+X 2.0 Modular Inverter for utility-scale applications during the Global Renewable Energy Summit 2025, held April 7-9.

Hefei, China, April 11th, 2025 /PRNewswire/ -- Sungrow unveiled its groundbreaking 1+X 2.0 Modular Inverter for utility-scale applications during the Global Renewable Energy Summit ...

The 1+X 2.0 Modular Inverter features a more scalable block design (800kW to 9.6MW), stable operation without derating at temperatures up to 52 degrees Celsius, AI-driven fault detection, and pioneering grid-forming capabilities, meeting the high demands for superior performance, maximum availability, and enhanced reliability of the inverter.

Lee Zhang of Sungrow reveals how the company's new inverter meets the needs of the rapidly evolving solar and storage industries.

Some are also adopting high-capacity string inverters. In response to this shift, Sungrow, a renowned Chinese provider of PV ...

Lee Zhang of Sungrow reveals how the company's new inverter meets the needs of the rapidly evolving solar and storage industries.

Sungrow, a China-based supplier of solar inverters and energy storage systems, has showcased its full portfolio at SNEC 2025. According to Sungrow, the 1+X 2.0 modular ...

Sungrow, a leading Chinese renewable energy company, has introduced an advanced inverter solution for large-scale solar power projects. Named the 1+X 2.0 Modular ...

Sungrow 1+X Modular Inverter 2.0 is compatible with both DC- and AC-coupled solar-plus-storage solutions, further increasing renewable energy utilization.

Sungrow releases modular inverter for utility-scale solar. The Chinese manufacturer said its new product uses inverter units with an output of 800 kW, of which 12 can be ...

The 1+X 2.0 Modular Inverter is not just an update--it's a complete transformation designed to tackle the most pressing challenges in solar energy production.

Some are also adopting high-capacity string inverters. In response to this shift, Sungrow, a renowned Chinese provider of PV inverters and energy storage systems (ESS), ...

Sungrow, the global leading inverter and energy storage system provider, unveiled its groundbreaking 1+X 2.0 Modular Inverter for utility-scale applications during the Global ...

Sungrow provides a full range of products across solar inverters, energy storage systems, EV chargers, and more, delivering reliable and efficient clean energy solutions worldwide.

The 1+X 2.0 Modular Inverter is not just an update--it's a complete transformation designed to tackle the most pressing challenges ...

Sungrow debuts 1+X 2.0 Modular Inverter, high-density PowerTitan 3.0 ESS, and C&I/residential solutions at SNEC 2025 in Shanghai.

Sungrow releases modular inverter for utility-scale solar The Chinese manufacturer said its new product uses inverter units with an ...

Sungrow, a China-based supplier of solar inverters and energy storage systems, has showcased its full portfolio at SNEC 2025. ...

Sungrow 1+X Modular Inverter 2.0 is compatible with both DC- and AC-coupled solar-plus-storage solutions, further increasing ...

Contact Us

For catalog requests, pricing, or partnerships, please contact:

NKOSITHANDILEB SOLAR

Phone: +27-11-934-5771

Email: info@nkosithandileb.co.za

Website: <https://nkosithandileb.co.za>

Scan QR code to visit our website:

