

## **3 string battery inverter**





## Overview

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What is a three-phase string inverter system?

Three-phase string inverter systems convert the DC power generated by the photovoltaic (PV) panel arrays into the AC power fed into a 380 V or higher three-phase grid connection.

What is a string inverter?

A string inverter, also known as an on-grid inverter or grid-tied solar inverter, converts DC power from solar panels into AC electricity for use. These string inverters work seamlessly with the electrical grid, ensuring high efficiency and compliance with anti-islanding protection.

What is a battery inverter?

A battery inverter, also known as a DC to AC inverter, converts the direct current (DC) stored in a battery into alternating current (AC), which is the type of current typically used in homes, businesses and industry. Battery inverters are therefore essential for making use of stored solar power.

What types of inverters are available?

We provide single and three-phase high-efficiency PV string inverters for a capacity of 1kW to 110kW, storage inverters (single phase 1-12kW, three phase 3-60kW, split phase 3-9.6kW, AC coupled), energy storage battery series (low voltage wall mounted series, high voltage stackable series) and all-in-one storage products.



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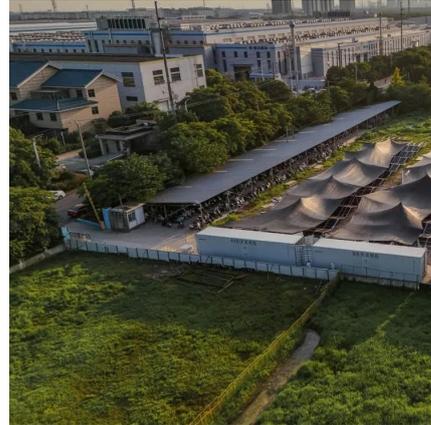


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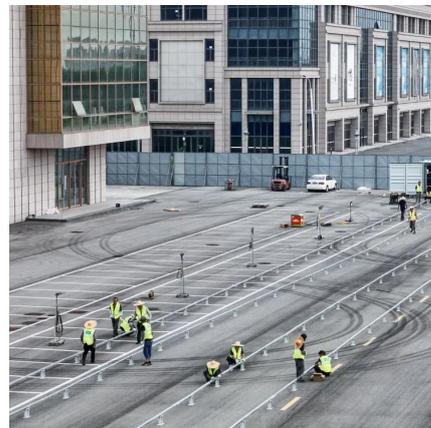
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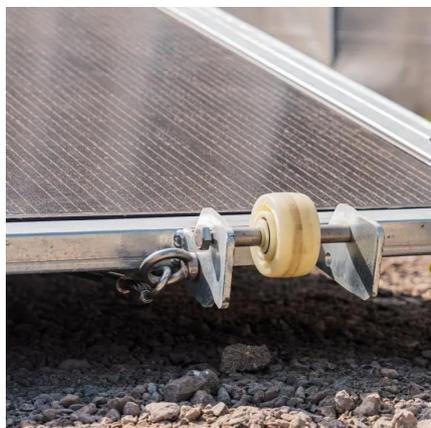
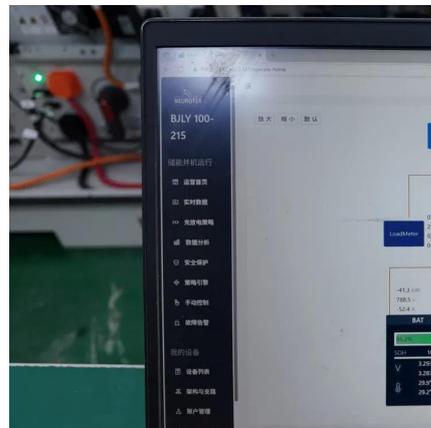


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### [Enphase Energy System 3.0 with third-party DC string ...](#)

Introduction This technical brief explains how to integrate any third-party DC string inverters (grid-connected) into the Enphase Energy System with IQ System Controller 3 INT and IQ Battery 5P.



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