



# Hybrid 3 phase inverter

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Growatt SPH TL3-BH-UP is three-phase hybrid inverter designed for residential and small industrial applications. Available capacities: 4kW, 5kW, 6kW, 7kW, 8kW, 10kW. A properly designed hybrid system including SPH inverters and a battery pack and other accessories can maximize the self-sufficiency of a solar system and reduce electricity bills.

The Growatt SPH 5000TL3-BH-UP inverter is a three-phase hybrid inverter designed for residential and small industrial applications. It is known for its affordable price and high quality. The inverter is certified for the global market and is commonly used in pro-consumer installations. It comes in various capacities ranging from 4kW to 10kW.

To further enhance its functionality, Growatt offers the option to pair the SPH inverter with ARK energy storage systems. These energy storage solutions have capacities ranging from 7.68 kWh to 25.6 kWh. By combining the Growatt SPH inverter with ARK energy storage, users can maximize self-consumption of the energy generated. Instead of sending excess energy to the grid, it is stored in the batteries, reducing reliance on energy prices set by the distribution company. This setup promotes greater energy independence.

The Growatt SPH inverters are compatible with LiFePo4 batteries and backup power systems, providing flexibility for various energy storage configurations. Additionally, when combined with an energy meter, the SPH inverters can activate the export limit function, allowing users to regulate the amount of energy they export to the grid. This feature enables the generation of energy balances for the entire building, promoting efficient energy management.

Overall, the Growatt SPH 5000TL3-BH-UP inverter offers a cost-effective and high-quality solution for residential and small industrial applications. Its hybrid capabilities, EPS backup output, compatibility with ARK energy storage, and ability to activate export limits make it a versatile choice for those seeking efficient energy management and greater energy independence.

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