



Deye inverter price check

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PLEASE NOTE: All Warranties will be null and void should this unit not have been installed by a qualified electrician with a Certificate of Compliance attached. A walk in warranty is offered which is subject to our suppliers service procedures.

An on-grid inverter's main job is to convert DC power generated from the PV array into usable AC power. Hybrid inverters go a step further and work with batteries to store excess power as well. In the developing world, hybrid inverters are more of a necessity to compensate for weak or intermittent grids or a lack of grid electricity all together.

Deye hybrid inverters include single phase 3-16kW and three-phase 8-12kW, For the SUN-3K-SG04LP1-24-EU, it uses 24V battery bank and the rest of them adopts 48V battery. Also, the SUN-16K-SG01LP1-EU is the max single phase hybrid inverter on the global market.

The Grid-interactive inverter consists of several hardware elements. The Grid-interactive inverter controls and monitors the connection of the electricity from the power plants. In addition, it also controls the disconnection of excess power from the plants. It ensures the dispatch of power at the peak time based on demand.

The series, SUN-5/6K-SG01LP1-US SUN-7.6/8K-SG01LP1-US/EU, is a single-phase low voltage (48V) hybrid inverter that enables enhanced energy independence and maximizes self-consumption through export limit feature and "time of use" function. With the frequency droop control algorithm, this series product supports single phase and three phase parallel application, and the Max. parallel units is up to 16pcs.

Thanks to the smart monitoring platform, Deye full series inverter products support remotely shutdown immediately when accident occurs. Setting parameters and FW update remotely, which makes PV plant O& M easier.

Need to split you order between Delivery and Collection? No problem, just specify this when selecting the Delivery or Collection option for the products that you wish to purchase.

The Deye SUN-(5-8K)K-SG01LP1-US split-phase hybrid inverter is a state-of-the-art solution designed to cater to both residential and small commercial energy needs with high efficacy and robustness. This inverter integrates seamlessly into modern energy systems, enhancing energy utilization while providing a dependable energy management system.

The Deye SUN-(5-8K)K-SG01LP1-US supports various monitoring and communication interfaces, including GPRS, WIFI, Bluetooth, 4G, and LAN. It also supports RS485, RS232, and CAN communication interfaces, ensuring robust connectivity and flexibility in system integration.

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The Deye SUN-(5-8K)K-SG01LP1-US hybrid inverter is a powerful and flexible solution for optimized energy management, providing high efficiency, comprehensive protection, and advanced control features for a variety of energy storage and solar applications. Its intelligent design and robust features make it an excellent choice for modern energy needs.

o frequency droop control, compatible with diesel generator application o Max. DC input current of 16A, suited to 600W solar panel o Max. efficiency of 98,6% o Type II SPD

o 100% unbalanced output, each phase Max. output up to 50% rated power o 48V low voltage battery, transformer isolation design o Max.10pcs in parallel o Max arging/discharging current of 240A o 6 time periods for battery charging/discharging

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