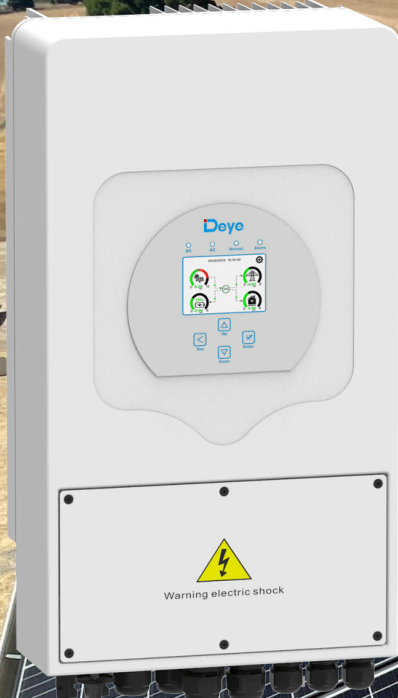




# Hybrid inverters to enable more efficient power generation



## INTRODUCING THE DEYE HYBRID SOLAR INVERTER

Available at MyEnergy Engineering



Effortless Solar Integration



10-Year Warranty



Reliable Energy Storage



Flexible Battery Compatibility



Grid Independence



UPS for Sensitive Devices



Wide Model Range



Smart Grid Management



INTELLIGENTLY DESIGNED & EXPERTLY INSTALLED



## Deye hybrid inverters to enable more efficient power generation

The Deye Hybrid Inverter is a photovoltaic power station with built-in battery backup. This inverter is capable of handling ten thousand watts of PV power. It also helps to reduce the costs of running AC appliances. Deye Hybrid Inverter comes with three-kilowatt sizes, and is affordable.

In a hybrid inverter, the solar panel's battery is charged with energy from the grid. It is a great choice if you have a high demand for electricity. Despite the higher cost, the resiliency of a hybrid inverter is an added benefit. You should have a backup generator in case of a power outage. This way you won't have to worry about power outages.

The hybrid inverter is an intelligent inverter that combines the functions of a battery inverter and a grid-connected inverter. It offers greater energy independence and resilience, and is a great choice for home or business owners who want to be as energy independent as possible.

### KEY FEATURES & BENEFITS

- **Seamless Integration with Renewable Energy:** Deye hybrid inverters allow you to effortlessly combine solar with your existing power grid, maximising the use of renewable energy.
- **Energy Storage for Consistent Power:** Can Store excess energy in batteries for use during peak demand times or power outages, ensuring you have a consistent power supply.
- **Grid Independence:** Ideal for areas with unreliable power grids, these inverters provide an alternative power source, reducing your reliance on grid electricity.
- **Wide Range of Options:** With models ranging from single phase 3-16kW to three-phase 8-50kW, you can choose the perfect inverter to match your energy needs.
- **Advanced Battery Compatibility:** Works with most major battery systems on the market allowing for flexibility in choosing the right battery setup for your home or business.
- **Intelligent Grid Interaction:** Not just for energy conversion, these inverters smartly manage your connection to the grid, optimising energy dispatch and even feeding excess power back.
- **UPS Capability:** Especially beneficial for sensitive electronic equipment, ensuring minimal electrical noise and optimal performance.
- **Reliable Power in Outages:** Automatically switch between grid and battery power during outages, ensuring your lights and appliances keep running without interruption.
- **Future-Proof Your Energy Needs:** The system is designed to be scalable, allowing for future expansion as your energy needs grow or as your budget allows.
- **Unbalanced Three-Phase Operation:** Deye hybrid inverters can handle unbalanced loads across three-phase systems, ensuring stable operation even when the power draw is uneven across phases.
- **All-in-One Energy Solution:** Combines the functionality of both a battery inverter and a grid-connected inverter, simplifying your home's energy system.
- **Increased Energy Independence and Resilience:** Ideal for those seeking to minimise their dependency on the grid and enhance their home or business resilience against power fluctuations.
- **Warranty:** 10 years.



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