



# Hybrid Solar Inverter HP PLUS Series

What is a hybrid inverter?

Hybrid inverters are essentially two inverters in one; they combine a solar inverter and a battery inverter into one simple unit. These advanced inverters use solar energy to power your home, charge a battery or send excess energy into the electricity grid. Most hybrid inverters can also provide emergency backup power during a blackout.

What are the best hybrid inverters?

Sungrow SH-RS series are our favourite hybrid inverters due to their numerous features, wide variety of sizes, high backup power rating, simple design and affordability. The SH-RS series is available from 3.0kW to 10kW and features 200% solar oversizing, a digital display, instantaneous backup power, and high efficiency.

What are the benefits of a hybrid inverter?

One of the biggest benefits of a hybrid inverter is that it combines the functionality of two separate pieces of equipment into one. This can mean an easier installation process for your solar installer.

Can a hybrid inverter run a whole house backup?

Most hybrid inverters also have limited pass-through power capability, so only essential loads like lighting and backup appliances can be powered in backup mode. Whole house backup generally requires a more powerful hybrid/off-grid inverter.

Can a hybrid inverter power an off-grid home?

In general, most hybrid inverters are not suitable for providing continuous power to an off-grid home. This is primarily due to their limited surge power rating and inability to manage and control backup power sources like generators effectively.

Do hybrid inverters work if the grid goes dark?

Some hybrid inverters have both on-grid and off-grid capabilities, allowing you to continue running on solar power even if the grid goes dark. With a hybrid inverter, all of your solar electricity—whether being sent to the grid, self-consumed on your property, or stored in your battery—is converted through one component.

The power of a single solar inverter in the Xindun HP PLUS series is 5Kw, with 2 pcs inverters in parallel forming 10Kw, 3 pcs inverters in parallel forming 15Kw, 4 pcs inverters in parallel forming 20Kw, 5 pcs inverters in parallel forming ...

This hybrid solar inverter can power all kinds of appliances in home or office, and can also be used in power stations. Model: Certification & Standards: PH11-4048PRO, PH11-5048PRO, PH11-6048PRO ... This split phase solar inverter ...



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