

## **SolarInnovate Energy Solutions**

# Atess hybrid inverter factory in Doha





#### **Overview**

What is an all-in-one hybrid inverter?

All-in-one hybrid inverter combines solar and battery into one unit, with powers from 5kW to 150kW, allowing users to harness solar power, store excess energy, and use it during peak demand or outages. 15-20kW three-phase all-in-one hybrid inverter for small commercial use.

How many kW can a hybrid inverter support?

Supporting up to 1200kW system capacity. All-in-one hybrid inverter combines solar and battery into one unit, with powers from 5kW to 150kW, allowing users to harness solar power, store excess energy, and use it during peak demand or outages. The hybrid inverter can be divided into high-frequency type and power-frequency type.

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Is the ATESS hps150 compatible with all types of batteries?

It is not compatible with all types of batteries. Hybrid inverters usually have specific battery voltage ranges (for example, the battery voltage range of the Atess HPS150 is 352-600V) and communication protocol requirements. When configuring the system, it is necessary to ensure:

What is ATS bypass cabinet?

ATESS bypass cabinet is designed to be used together with bidirectional



battery inverter realize seamless transfer between on and off grid mode automatically. ATS is an accessory of American standard HPS, when both the grid and the DG need to access HPS, ATS will be used to switch between grid and DG automatically.



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Jul 8, 2024 · ATESS HPS bidirectional battery inverter is designed for energy storage system, it converts DC current generated by battery bank into AC current and feed it into the load/grid, ...

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