



16 kWh energy storage inverter

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S6-EH1P(12-16)K03-NV-YD-L series energy storage inverter is suitable for large residential PV energy storage system, support up to 40A MPPT current input, suitable for 182mm/210mm solar panels; integrated battery treatment and protection functions, more friendly to batteries. And can support multiple inverters in parallel to form a single-phase or three-phase system, the maximum power of 160kW. also support AC couple to retrofit existing solar system; Maximum 350A charging and discharging current, providing higher energy density. Intelligent and reliable, make it the first choice for large-scale residential PV energy storage system.

10 seconds of 200% overload capability

Multiple inverters can operate together to form a microgrid

Generator-compatible to extend backup duration during grid power outage

Supports dual backup ports for intelligent control of critical and non-critical loads

Automatic switchover time is <4ms, providing seamless transitions from grid to backup

Supports a maximum input current of 20A, making it ideal for all high-power PV modules of any brand

Ensures excellent power supply stability, keeping the load unaffected by a weak grid or generator supply fluctuations

The battery's DC side can handle a maximum charge/discharge current of up to 290A, allowing it to store more surplus energy generated by PV systems

Automatic switchover time is <4ms, providing seamless transitions from grid to backup

Other Countries and Regions

Deye Solar inverters have been installed in more than 60 countries (e.g. Australia, Brazil, India, the UK, Germany, Italy, Belgium, Spain etc.)

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