



All-in-one Residential ESS



X-ESS G4

3-7.5 kW / 5-15 kW
3~12kWh



THE OPTIMAL SOLUTION FOR ENERGY STORAGE

The SolaX X-ESS G4 is an all-in-one smart energy storage system that combines an inverter, battery, and Matebox, streamlining installation for maximum ease and efficiency. The modular design offers flexible configurations, allowing the system to scale according to energy needs.

● X-Hybrid G4

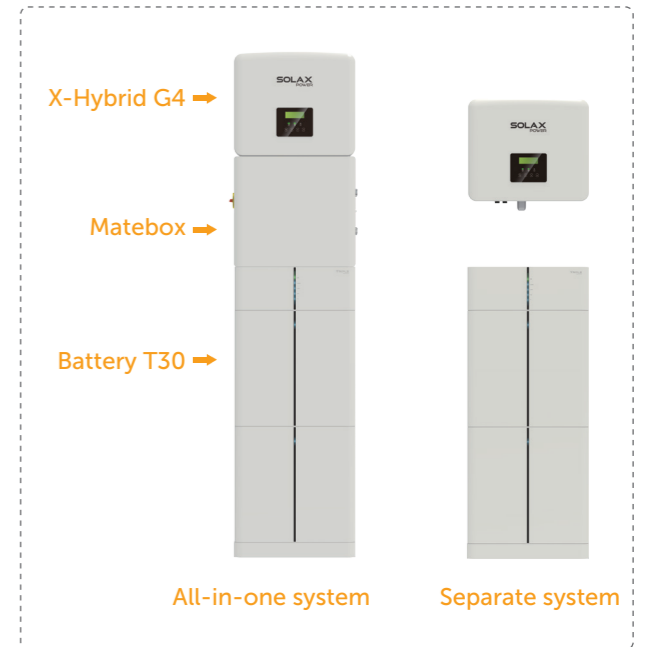
Available in single-phase (3–7.5 kW) and three-phase (5–15 kW) options, the X-Hybrid G4 system supports parallel operation of up to 10 inverters, delivering a maximum power output of 150 kW. It includes integrated fault management and emergency power output, with a rapid switching time of less than 10 ms for uninterrupted power.

● Matebox

The Matebox comes with pre-installed components and cabling, significantly reducing installation time. For enhanced functionality, an advanced X3-Matebox version is available, providing whole-house backup power capabilities.

● Battery T30

The T30 battery is scalable from 3 kWh to 12 kWh, adapting to different energy storage requirements. With built-in temperature control, it operates reliably within a wide temperature range of -30°C to 50°C, ensuring optimal performance in various environmental conditions.



Smart Management

- Real-time monitoring via SolaX Cloud
- Global MPP scan for optimal energy harvest
- Smart loads management (eg., heat pump, smart EV charger)
- Intelligent ToU-Driven Energy Management

Assured Reliability

- IP65 protection degree
- Support three-phase unbalance output*

High Performance

- 200% PV oversizing and up to 110% AC output
- Max. 16A DC single string input current
- Max. 30A charging/discharging current

Flexible Adaptability

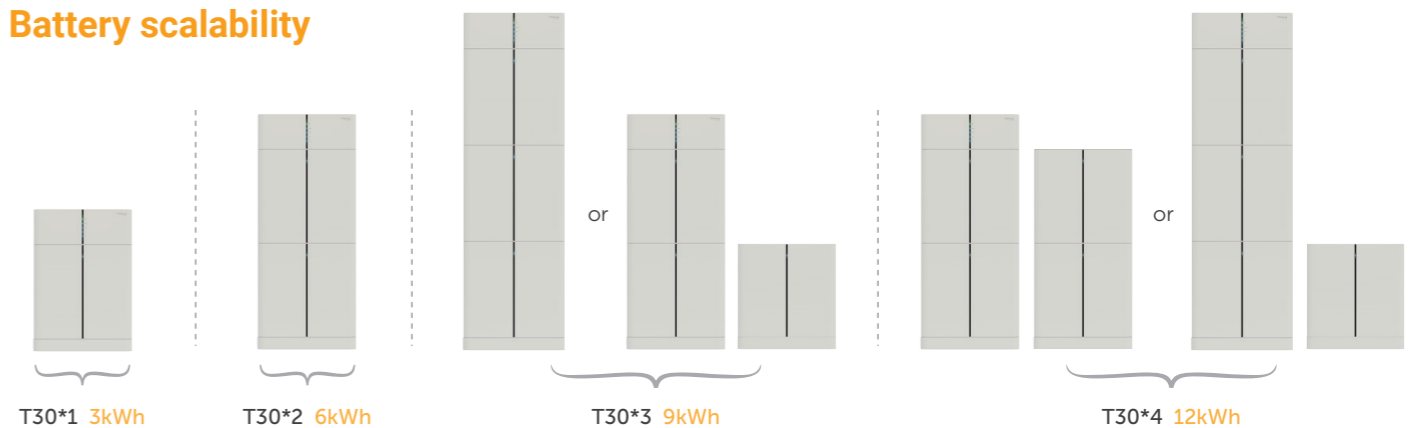
- All-in-one, plug-and-play design
- Quick installation by one person in 30 minutes
- Compatible with EV charger and heat pump

● SolaX Cloud

Real-time Monitoring and Analytics with SolaX Cloud: providing insights to optimize energy consumption and enhance overall system performance.



Battery scalability



*Only applicable for three-phase model