

## SolarTech Power Solutions

# Solar energy storage and inverter control integrated machine



## Overview

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The all-in-one high-frequency inverter-controller integrates a high-frequency inverter and MPPT-based charge/discharge controller into a single compact unit. What is a hybrid solar inverter & lithium battery storage system?

Seamlessly combining a hybrid solar inverter and lithium battery storage, it provides a reliable, scalable, and cost-effective way to harness the power of the sun. With its modular design, this stackable energy storage system is perfect for scalable applications, providing a flexible, efficient, and reliable energy management solution.

How does a solar energy storage system work?

Equipped with advanced monitoring and control features, this integrated energy storage system provides intelligent energy management that optimizes energy use based on real-time conditions. With reliable lithium batteries, it ensures that stored energy remains available during periods of low sunlight or grid outages.

What is the mpsg-D series ESS all-in-one stackable energy storage system?

The MPSG-D Series ESS all-in-one stackable energy storage system is a highly efficient, modular, and integrated energy solution that meets the needs of both residential and commercial users.

How much power does a MPPT solar controller have?

Built-in MPPT solar controller, max charge current 160A; ◆ Max 6200W & 6500W & 10200W solar input power respectively; ◆ Wide PV input voltage range 4200W/6200W (60-450VDC), 10200W (90-450VDC).

What makes Solax x1-ies a smart energy management solution?

Smart energy management via SolaX Cloud enables real-time optimization, while modular design (up to 40kWh) supports scalable home energy solutions. The X1-IES supports up to 200% PV input and EPS output for 10 seconds,

enabling superior energy utilization during peak loads.

What is Solax X1 IES?

The SolaX X1-IES is a high-performance residential ESS featuring multi-mode operation for flexible adaptation (on/off-grid). With 98% efficiency, 6kW output, and IP65 protection, it ensures safety and reliability.

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### Contact Us

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