



Jinko ESS s 5.01 MWh energy storage system advances our liquid-cooled platform with integrated 314 Ah LiFePO<sub>4</sub> cells, delivering exceptional safety, efficiency, and reliability. Designed to support grid modernization, it offers high performance and extended cycle life within a compact 20-foot container.

## Solar-Storage Integration

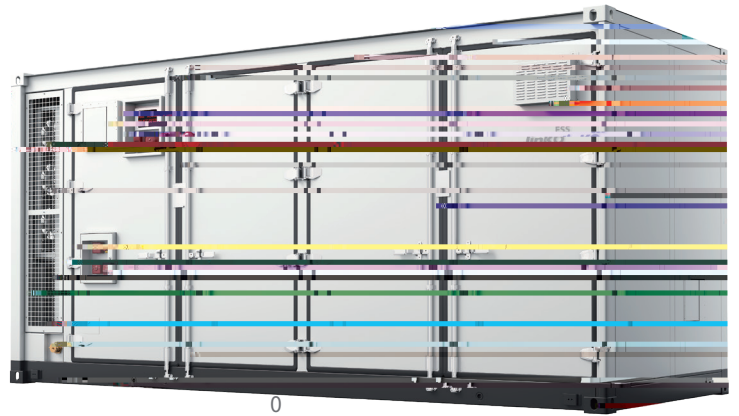
Seamlessly combine solar PV generation with energy storage to optimize self-consumption, maximize renewable utilization, and ensure a continuous, stable power supply.

## Grid Support Services

Deliver critical grid services including frequency regulation, voltage support, and peak shaving to enhance network stability, reliability, and power quality.

## Energy Market Participation

ElmGrid se, IEC 61850-9-2 id



## System parameters

Dimension(L× W× H)

6058× 2438× 2896mm

Weight

42,000 kg

Operating humidity

95%RH, no condensation

Altitude

3,000m (derating above 2000 m)

Noise level

80dB(A), @1m/ 75dB(optional)

IP grade

IP55

Corrosion class

C4/(C5 optional)

Fire suppression system

Temperature sensor + Smoke detector + Combustible gas detector +  
Deflagration venting + Fire extinguishing gas + Water sprinkler

Communication

Ethernet / Modbus TCP/IP

Certification Standards