



Jinko ESS s 5.01 MWh energy storage system advances our liquid-cooled platform with integrated 314 Ah LiFePO₄ 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

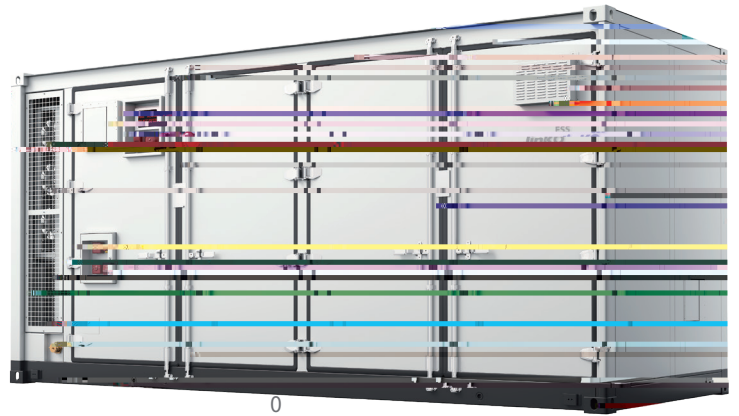
Seamlessly combine solar PV generation with energy storage to optimize self-consumption, maximize renewable utilization, and ensure a continuous, stable power supply.

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 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