



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.

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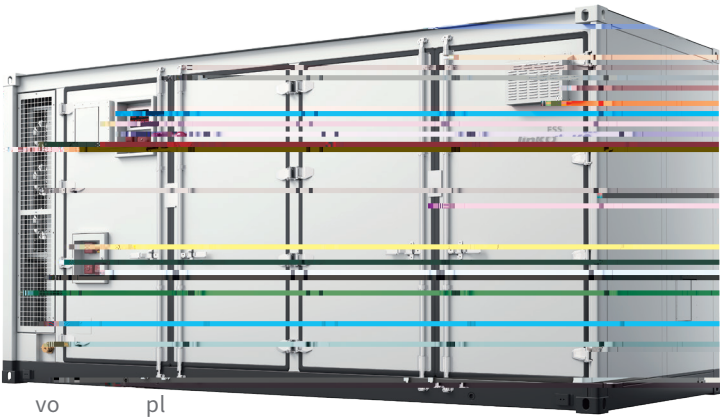
PV generation with energy
-consumption, maximize
and ensure a continuous,

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ices including frequency
port, and peak shaving to
reliability, and power quality.

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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	