



EAGLE STORAGE

Jinko is one of the world's leading renewable energy equipment suppliers. In the United States, Jinko is among the most trusted brands by financiers, owners, developers, and EPCs due to a strong track record of reliability, quality, 99.9% on-time delivery, and stable financial performance.

EAGLE CS TURNKEY UTILITY AND C&I AC-COUPLED ENERGY STORAGE SYSTEM

Jinko's Eagle CS turnkey utility and C&I energy storage system is a fully integrated, high quality, scalable solution.

The Eagle CS, with 0.25 C to 2.0 C solutions (30 minute to 4 hour duration), can address many applications including:



Industry Leading Technology

High energy density, long battery life, proven track record, efficient system design



Intelligent U.S.-based EMS (optional)

Secure data with real time optimization engine offering seamless integration to utility SCADA and onsite solar



Robust U.S.-based BMS (optional)

Remote accessibility, advanced monitoring for SOH/SOC



Best in-Class Safety

LFP battery chemistry, the safest for energy storage; robust BMS monitors battery working condition



Wrapped Warranty

Single point of contact for all components



Ancillary Grid Services



Load Shifting



Capacity Firming



T&D Deferral



Energy Arbitrage



Demand Charge Management / Peak Shaving



Grid Management & Coincident Peaks





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EAGLE CS SYSTEM SPECIFICATIONS

Energy Rating	Continuous Charge/ Discharge Time (hours)	0.5	0.5	1	1	2	2	4	4
	Max Available Energy (kWh)	1300	3300	1800	4100	2300	5100	5100	10300
Power Rating	Nameplate Power (kW)	3000	6000	1500	4500	1500	3000	1500	3000
Battery Container	Battery Container Size (ft)	20	40	20	40	20	40	40	40x2
	Battery Weight (US Tons)	25.5	52.3	28.2	56.9	29.1	58.9	58.9	117.8
PCS Container	PCS Container Size (ft)	10	10	10	10	10	10	10	10
	PCS Weight (US Tons)	7	14	5	12	5	7	5	7
Battery Voltage	Nominal Voltage (Vdc)	1152							
	Voltage Range (Vdc)	1008 - 1296							
SOC	Recommended Range (%)	5 - 95%							
Efficiency	DC Round Trip Efficiency	93%	93%	94%	94%	95%	95%	95%	95%
	AC Round Trip Efficiency	90%	90%	91%	91%	92%	92%	92%	92%
Aux Power	Max Aux Power (kW)	51.6	103.2	27.6	55.3	14.4	28.8	28.8	57.6
POI	Frequency (Hz)	60 Hz							
Environment	Ambient Temp (°C)	-40° to 60°							
	Storage Temperature (°C)	10° to 30°							
Relative Humidity	Maximum Humidity (%)	Up to 95%							
Altitude	Above Sea Level (m)	Up to 2000							

CODES AND STANDARDS

UL 9540	Safety for Energy Storage Systems and Equipment
UL 9540A	Standard for Thermal Runaway Fire Propagation
UL 1973	Batteries for Use in Stationary Applications
UL 1741 (SA)	Standards for Inverters, Converters, Controllers, and Interconnection System Equipment
UN 38.3 / IEC 62281	Transportation Safety of Lithium Metal and Lithium Ion Batteries
IEEE 1547	Standard for Interconnecting DR with EP

Full list provided upon request