



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, 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 1.0 C solutions (1 to 4 hours), can address BTM & FTM applications such as:



Industry Leading Technology

High energy density, long battery life, and configurable system designs with a proven track record



Available Intelligent U.S.-based EMS

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



Robust BMS

Remote accessibility, advanced monitoring for battery conditions such as SOH/SOC and temperature



Best in-Class Safety

LFP battery chemistry, with proven BMS and off-gas detection to meet UL9540A requirements for thermal runaway



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





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



EAGLE CS SYSTEM SPECIFICATIONS

Energy Rating	Continuous Charge/ Discharge Time (hours)	Duration 1 to 4 hours				
	Max Available Energy (kWh)	1350	2700	5400	5760	6912
Power Rating	Max Nameplate Power (kW)	1500	3100	3100	3100	3100
Battery Container	Battery Container Size (ft)	20	20	2x20	40	53
	Battery Weight (US Tons)	20	26	52	59	78
PCS	PCS Size (ft)	Internal	15			
	PCS Weight (US Tons)	Internal	7			
Battery Voltage	Nominal Voltage (Vdc)	1152				
	Voltage Range (Vdc)	986 - 1296				
SOC	Recommended Range (%)	5 - 95%				
Efficiency	DC Efficiency	96%	96%	96%	95%	95%
	AC Efficiency	93%	94%	94%	93%	93%
Aux Power	Max Aux Power (kW)	30	30	55	65	65
POI	Frequency (Hz)	60 Hz				
Environment	Ambient Temp (°C)	-35°C to +50°C				
	Storage Temperature (°C)	-10°C to +45°C				
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