



EAGLE STORAGE



EAGLE RS

7.6kW/19.2kWh

RESIDENTIAL ENERGY STORAGE SYSTEM

- NYSE-listed since 2010
- Global renewable energy leader
- Dedicated energy storage R&D
- More than 300 employees in the U.S.



Outdoor-Rated

System IP65/66 and NEMA 4X rated



Flexible Installation

Separate cabinets allow flexibility



Best-in-Class Safety

LFP battery chemistry and robust BMS



Wrapped Warranty

Single point of contact for complete solution: solar + storage



U.S.-Based Customer Service

Local engineering and live service support

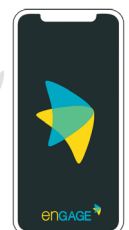


Monitoring App

Secure data with real-time optimization and monitoring



Battery Type	Lithium Iron Phosphate (LFP)
Application Modes	Backup, Self Consumption, Time of Use, VPP
Transfer Switch Type	Automatic Integrated
Monitoring	Web and Mobile app
Warranty	10 year system warranty
Rapid Shutdown	Tigo Transmitter (Optional Sunspec)



Monitor your Eagle Storage system on our app
Compatible with iOS and Android



WWW.JINKOSOLAR.US



SYSTEM SPECIFICATIONS

MODEL NUMBER	JKS-R-7S31-US1920
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GRID-TIE MODE

Solar + Storage Operation	AC or DC Coupled
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Total Battery Capacity	19.2kWh (50Ah)
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Nominal Power Rating	7.6kW
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Continuous AC Output Current	31.7A
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AC Grid Voltage	120/240V
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AC Frequency	59.5 to 60Hz
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Usable Capacity (95% DOD)	18.5kWh
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BACKUP MODE

Nominal AC Output Current 240Vac	31.7A
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Max. Allowable Phase Imbalance	100%
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Surge Power Rating (10s)	12.2kVA
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Surge AC Output Current (10s)	50.7A
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AC Grid Voltage	120/240V
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AC Frequency	55 to 65Hz
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Transfer Switchover Time	<10ms
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Inverter Configuration	7.6kVA
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Battery Configuration	19.2kWh
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CEC Round Trip Efficiency	89.0%
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BATTERY SPECIFICATIONS

Rated Capacity	19.2kWh (50Ah)
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Nominal Voltage	384V
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Max. Charge/Discharge Current	25A
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Depth of Discharge (DOD)	95%
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Rated Continuous Charge /Discharge Power	7.6kW/7.6kW
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Limited Warranty	10 years 30 MWh throughput
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Operating Temperature	-20°C to 60°C
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Storage Temperature	-30°C to 60°C/7 days -20°C to 45°C/6 months
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Size (HxWxD)	41.8x24x18.1in
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Device Weight	434 lbs
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Installation Method	Floor Mounted
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INVERTER SPECIFICATIONS

AC OUTPUT	
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Rated Output Power	7.6kW
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Max. Output Power	7.6kW
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Rated Output Current	31.7A
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Max. Output Current	31.7A
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Output Voltage	120/240Vac (split phase)
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Output Frequency	59.5 to 60.5Hz
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Current Harmonics	THD<3%
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Weighted CEC Efficiency	97.2%
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Peak CEC Efficiency	97.6%
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Operating Temperature	-25°C to 60°C
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Cooling Mode	Natural Convection
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Maximum Altitude	4,000m (13,120ft)
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Size (HxWxD)	26.2x21.9x9.4in
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Weight	74lbs
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Installation Method	Wall-Mounted
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Protection Rating	IP66/NEMA 4X
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Noise	<30dB
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Communication Interface	RS485/CAN
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PV INPUT:

Maximum PV Power	12.8kW
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Max. Input Voltage	600V
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Rated Voltage	380V
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Start-Up Voltage	80V
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MPPT Voltage Range	80-520V
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Max. Input Current Per String	16A
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Max. Short Circuit Current Per String	25.6A
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Number of MPPT/Strings per MPPT	4/1
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CERTIFICATES AND APPROVALS

- UL1741SB
- UL1741SA
- IEEE 1547-2018
- UL1699B
- UL1998
- UL9540
- FCC Part15 ClassB
- California Rule 21
- Heco Rule 14H
- NEC 690.12-2020
- CAN/CSAC22.2107.1-1

