



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

Jinko

WWW.JINKOSOLAR.US



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SYSTEM SPECIFICATIONS

MODEL NUMBER JKS-R-7S31-US19.20-5P

GRID-TIE MODE

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

BACKUP MODE

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

BATTERY SPECIFICATIONS

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

INVERTER SPECIFICATIONS

AC OUTPUT

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

PV INPUT:

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

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

