



EAGLE STORAGE



EAGLE RS

7.6kW/13.1kWh

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 IP55/66 and NEMA 4X rated



Flexible Installation

Separate cabinets allow flexibility; floor or wall mount



Best-in-Class Safety

LFP battery chemistry and robust BMS



Wrapped Warranty

Single point of contact for complete solution: hardware and software



Responsive Service

Local engineering and live service support



Intelligent U.S.-based EMS

Secure data with real-time optimization and monitoring

Battery Type	Lithium Iron Phosphate (LFP)
Application Modes	Backup, Self Consumption, Time of Use
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



SYSTEM SPECIFICATIONS

MODEL NUMBER JKS-R-7S22-U1310

GRID-TIE MODE

Solar + Storage Operation DC Coupled

Total Battery Capacity 13.1kWh (64Ah)

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) 12.08kWh

BACKUP MODE

Nominal AC Output Current 240Vac 27.4A

Max. Allowable Phase Imbalance 100%

Surge Power Rating (10s) 12.2kVA

Surge AC Output Current (10s) 50.8A

AC Grid Voltage 120/240V

AC Frequency 55 to 65Hz

Transfer Switchover Time <10ms

Inverter Configuration 7.6kVA

Battery Configuration 13.1kWh

CEC Round Trip Efficiency 89.6%

BATTERY SPECIFICATIONS

Rated Capacity 13.1kWh (64Ah)

Nominal Voltage 205V

Max. Charge/Discharge Current
10.6A @ -10°C - 0°C
32A @ >0°C - 50°C
16A > 50°C - 55°C

Max. Charge/Discharge Power 6.5kW/6.5kW

Depth of Discharge (DOD) 95%

Rated Continuous Charge /Discharge Power 6.5kW/6.5kW

Limited Warranty 10 years, 40 Mwh throughput

Operating Temperature -10°C to +50°C

Storage Temperature -30°C - 60°C/7 days
-20°C - 45°C/6 months

Size (HxWxD) 48.2x42.1x8.2in

Device Weight 372 lbs

Installation Method Floor/Wall-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%

BATTERY INTERFACE

Rated Power 7.6kW

Rated Voltage 500V

Voltage Range 120-500V

Max. Charge/Discharge Current
10.6A @ -10°C - 0°C
32A @ > 0°C - 50°C
16A @ > 50°C - 55°C

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

MPPT Number/Max. Input Strings Number 4/4

GENERAL INVERTER SPECIFICATIONS

Weighted CEC Efficiency 97.2%

Peak CEC Efficiency 97.6%

Operating Temperature -25°C - +60C,
>50°C Derating

Cooling Mode Natural Convection

Size (HxWxD) 26.2x21.9x9.4in

Weight 89.6lbs

Installation Method Wall-Mounted

Protection Rating IP66/NEMA 4X

Noise <30dB

Communication Interface RS485/CAN

CERTIFICATES AND APPROVALS

- UL1741SB
- UL1741SA
- IEEE 1547-2018
- UL1699B
- UL1998
- UL9540 ed 2
- FCC Part15 ClassB
- California Rule 21
- Heco Rule 14H
- NEC 690.12-2020
- CAN/CSAC22.2107.1-1