



EAGLE
STORAGE



EAGLE[®] RS

7.6kW/26.2kWh

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 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-U2620
GRID-TIE MODE	
Solar + Storage Operation	DC Coupled
Total Battery Capacity	26.2kWh (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)	24.16kWh
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)	50.8A
AC Grid Voltage	120/240V
AC Frequency	55 to 65Hz
Max. Operating Altitude	13,120 ft (4000m)
Transfer Switchover Time	<10ms
Inverter Configuration	7.6kVA
Battery Configuration	26.2kWh

BATTERY SPECIFICATIONS

Rated Capacity	26.2kWh (64Ah)
Nominal Voltage	410V
Max. Charge/Discharge Current	10.6A @ -10°C - 0°C 32A @ >0°C - 50°C 16A > 50°C - 55°C
Max. Charge/Discharge Power	7.6kW/ 7.6kW
Depth of Discharge (DOD)	95%
Rated Continuous Charge /Discharge Power	7.6kW/ 7.6kW
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 (2x)
Device Weight	372 lbs (2x)
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