

JinKo ESS Residential Storage System



About Us

JinKo Solar Holdings is a publicly listed company in the NYSE and STAR, serving as an advanced investment platform in the clean energy sector. It has strategically invested in leading enterprises across various segments within the photovoltaic industry ecosystem.

JinKo ESS, is a strategic arm of JinKo, and aims to become one of the world’s leading energy storage solutions providers, specifically designed for utility, commercial and residential applications.

Our Efforts Towards A Sustainable Future

As a publicly listed company in the NYSE and STAR, we are legally required to make and keep accurate records which truthfully and accurately reflect all corporate transactions and maintain an adequate system of internal accounting controls.

JinKo Solar respects and promotes the Universal Declaration of Human Rights and adheres to the principles of the United Nations Global Compact, as well as to the UN Guiding Principles on Business and Human Rights.

Global Footprint



Key Facts

Nr. 1 In global shipments for 4 consecutive years	210GW Delivered	26%+ N-type efficiency
17 Global production facilities	35+ Service centres	190+ Countries
57.000+ Employees	330 TOPcon Patents	Top 50 most sustainable companies according to Forbes China
Committed to 100% Renewable Power 200 companies With US\$5.4 trillion combined revenue More than 190 markets worldwide And A 220 TWH/YR Renewable Electricity Demand		EP100 RE100 °CLIMATE GROUP

Figures updated by Q2 2024

Our Product Portfolio

Solar Business

We are continuously expanding the production capacity of ingots, silicon wafers, cells and modules to create a vertically integrated PV and BIPV industrial chain.



Energy Storage

We strive to offer cutting-edge energy systems that are both comprehensive and innovative, recognizing energy storage as the future.



High Voltage System



Key Benefits



Higher Savings

Enhance your self-consumption rate with Jinko's cutting-edge storage system and dramatically reduce your electricity bill.



More Flexibility

Smartly use your stored energy based on your needs, delivering it at night or during grid outages.



More Sustainable

Start contributing to a more sustainable future and a cleaner planet by optimizing energy use and reducing reliance on non-renewable resources.



Integrated Solution

From PV modules to batteries, from inverters to remote control, Jinko provides you with a truly systematic solution.



High Protection

Combining the system remote smart control, the safest design, its integrated protections, and its complete warning and alarm system, it ensures your home's energy needs are met with unparalleled dependability.



Wide Power Range

To cater to a wide range of energy demands, the inverter power range spans from 6kW to 20kW.



100% Balance Output

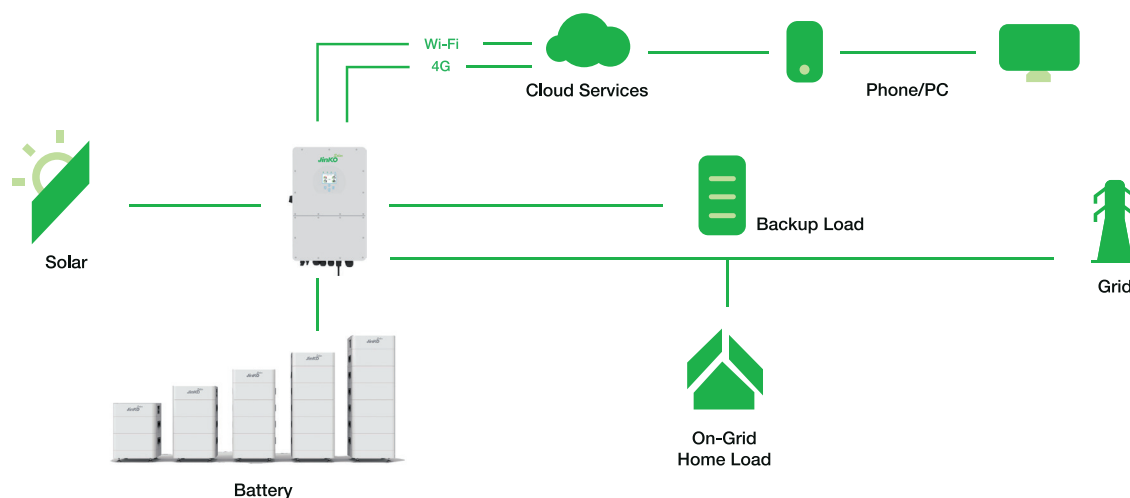
Up to 100 unbalanced output on each phase, with a maximum output of 50% for remote real-time monitoring.

RESS Datasheet

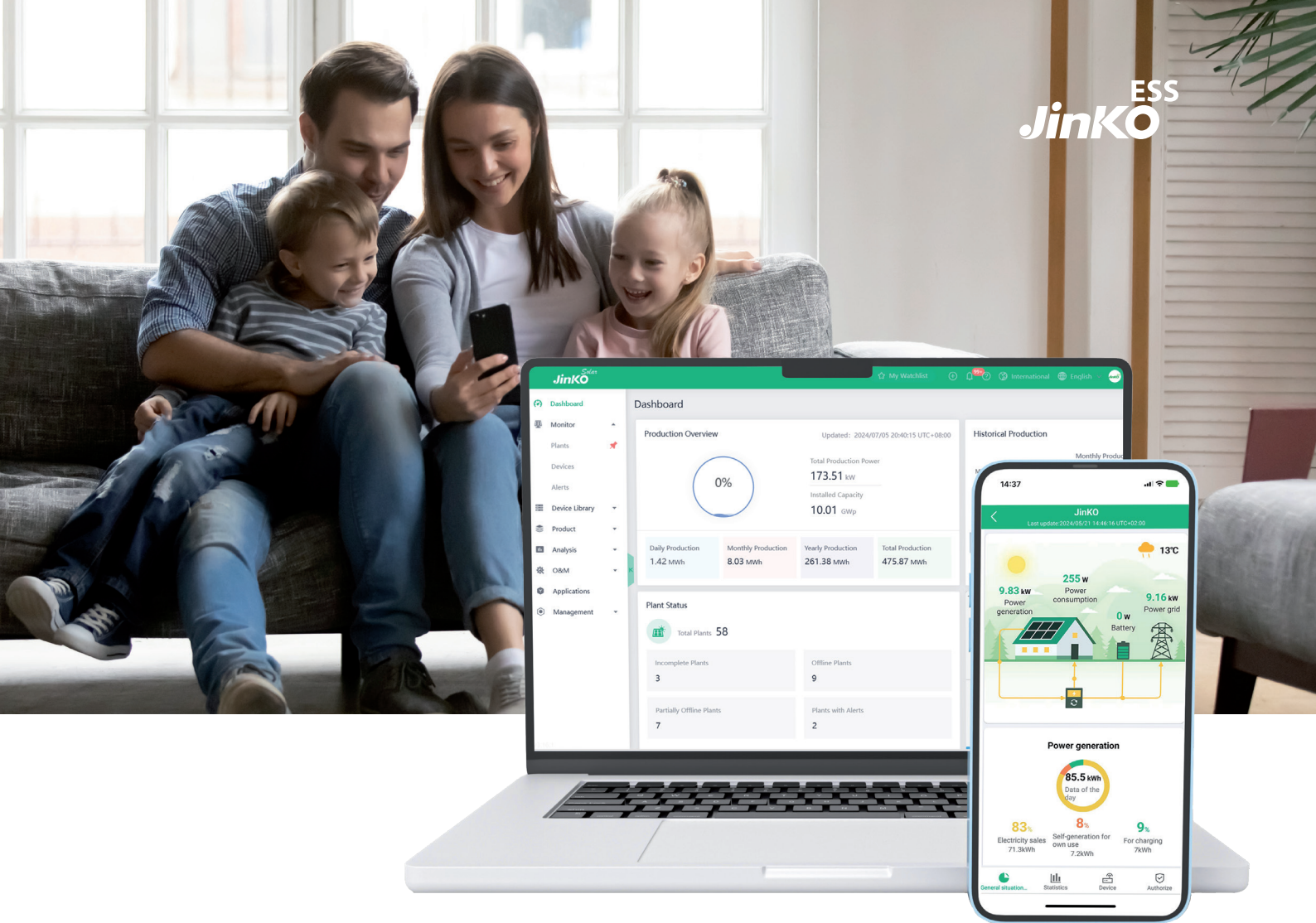
Inverter	JKS-6/8/10/12/15/20H-EI
PV String Input-DC Voltage Range	150 V - 850 V
AC Output Grid Type	Three Phase
Protection Class	IP65
Communication with BMS	CAN, RS485
Warranty	5 Years*
Dimensions (W*D*H)	408*237*638 mm
Weight	30,50 kg

*We provide our official RESS distributors with an exclusive 10-year warranty for the inverter, adding 5 years beyond standard coverage.

Battery	JKS-B19237-CS	JKS-B28837-CS	JKS-B38437-CS	JKS-48037-CS	JKS-B57637-CS
Battery Type	Cobalt-free LFP (LiFePO4)				
Nominal Battery Energy	7,10 kWh	10,66 kWh	14,21 kWh	17,76 kWh	21,31 kWh
Nominal Voltage	192 V	288 V	384 V	480 V	576 V
Dimensions (W*D*H)	504*380*700 mm	540*380*900 mm	540*380*1100 mm	540*380*1300 mm	540*380*1500 mm
Weight	105 kg	146 kg	187 kg	228 kg	269 kg
Operating Temperature Range (Charging / Discharging)	0~50°C / -10~50°C				
Calendar Life	6000 Cycles				
Warranty	10 Years				
Protection Class	IP54				
Communication with BMS	CAN				



JinKo's RESS system diagram



Smart Monitoring and Energy Management

The JinKo Smart monitoring platform offers real-time monitoring of your solar system and household consumption through dedicated applications accessible on laptops and smartphones. Moreover, you can remotely commission your system using the Business app.

[Download the JinKo Smart Energy Control App](#)



Android



iOS

Desktop Platform

In addition to our mobile app, we are excited to offer our desktop platform. With this powerful tool, you can enjoy all the features of the mobile app and much more. Easily commission, adjust settings, and perform remote updates effortlessly. Discover a seamless and enhanced user experience with our comprehensive desktop platform.

[Register now & discover all that JinKo has to offer:](#)

business-global.jinkosolar.com/



Desktop

BNEF Tier 1 Energy Storage Provider

JinKo ESS has made to the prestigious BNEF Tier 1 List

Our storage brand JinKo ESS secured its position on the esteemed Bloomberg NEF Tier 1 Energy Storage list, demonstrating the superior quality and bankability of its energy storage solutions.

This distinction underscores our unwavering commitment to reliability and efficiency, exceeding industry standards and providing customers with the most trusted energy storage options available.



We are here for you!

To ensure the highest level of satisfaction, we have a dedicated After Sales Support Team* to assist you.

Hotline available in German & English

+49 40 2 853 851 820

Email

ess.eu@jinkosolar.com

*The Aftersales support is only available in Germany. For other regions, for aftersales, please contact your distributor for information.

Find out more about our RESS solution

Contact our official RESS distributor dedicated for **specific regions** to receive more information.

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