

JinkoSolar to Supply 496 Sets of SunTank Residential ESS to Solar Shop Japan

JinkoSolar has delivered 496 sets of its SunTank residential energy storage systems (RESS) to Solar Shop Ltd. for Japanese households.

Most of the PV systems in Japan are small-scale residential, and increasingly, commercial rooftop installations. JinkoSolar's SunTank is a state-of-the-art energy management solution designed for owners who plan to implement effective residential energy management. It provides an efficient solution for home's green electricity consumption, by reducing costs, peak shifting, and maximizing the self-utilization rate of power generation.

It features a flexible extensive capacity and

the wide power range enables flexible configurations for different rooftops. The compact design makes the battery volume reduced and the plug-in-play design, ensures no more extra tools needed. Low noise, robust but appealing-looking enclosure. In addition, with all data integrated into one app, users can click to initialize both inverter and battery, commissioning automatically and manage the plant yield timely.

JinkoSolar's brand value, product quality, and professional service teams will pave the path for further product diversification and the deployment of the "PV+" business model in Japan.



-GI

Solar
Jinko

Solar
Jinko

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B.



BA

Model Name

Recommended A	
Output	550
Input	380
Output	40 -530
Input	50
Frequency	2/1
Output	16A
Input	20A

Battery Input

Output	-B51100-
Input	48 / 51.2
Output	40 - 60
Input	5000
Output	5000
Input	100 A
Output	100A

Low Voltage LFP Battery



LONG LIFESPAN

10 years comprehensive warranty with more than 6000 life cycles

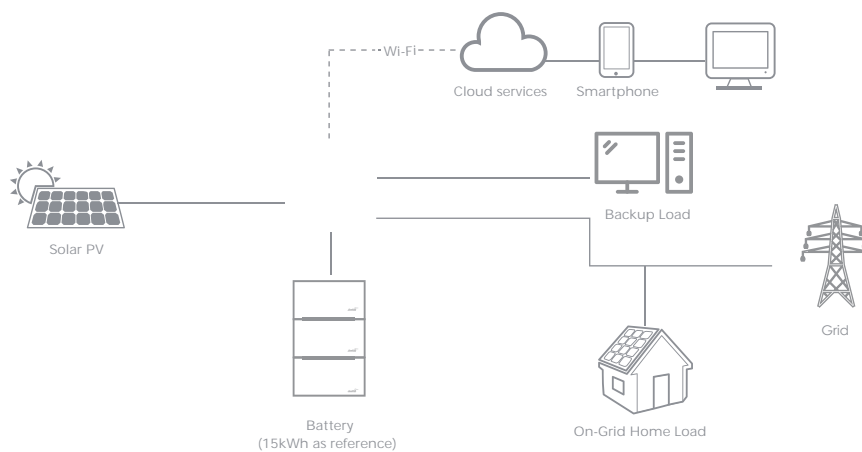
EXTREME RELIABILITY

Full protections including cell, pack, and communication modules






ALL-IN-ONE SOLUTION

PV+ESS solution for packed warranty and one-stop service and support



SPECIFICATIONS

Battery Pack		JKS-B51100-GI			
Datasheet		JKS-B51100-GI	JKS-B51200-GI	JKS-B51300-GI	JKS-B51400-GI
System Demo					
Battery Module		JKS-B51100-GI (5.12kWh, 51.2V, 58kg)			
Number of Modules		1	2	3	4
Energy Capacity		5.12kWh	10.24kWh	15.36kWh	20.48kWh
Usable Capacity		4.6kWh	9.36kWh	13.82kWh	18.43kWh
Dimension (W/D/H) ¹		660/210/410mm	660/210/810mm	660/210/1210mm	660/210/1610mm
Weight		58kg	116kg	174kg	232kg
Max. Charging/ Discharging Power ²		4.86kW	4.86kW	4.86kW	4.86kW
Max. Charging/ Discharging Current		95A	95A	95A	95A
GENERAL SPECIFICATION					
Battery Type		Cobalt Free Lithium Iron Phosphate (LFP)			
Nominal Voltage		51.2V			
Operating Voltage Range		44.8 ~ 58.4V			
IP Protection		IP65			
Installation		Floor-standing			
Operation Temperature		-30°C ~ 55°C			
FEATURES					
Communication Port		CAN, RS485			
Warranty		10 Years			
CERTIFICATION					
Cell Certificates		UL1642, IEC62133, IEC62619, UN38.3			
Pack Certificates		IEC62619, UN38.3			

- 1 Battery SOC Indicator Button
- 2 Battery SOC Indicator
- 3 Hidden cable connection box

