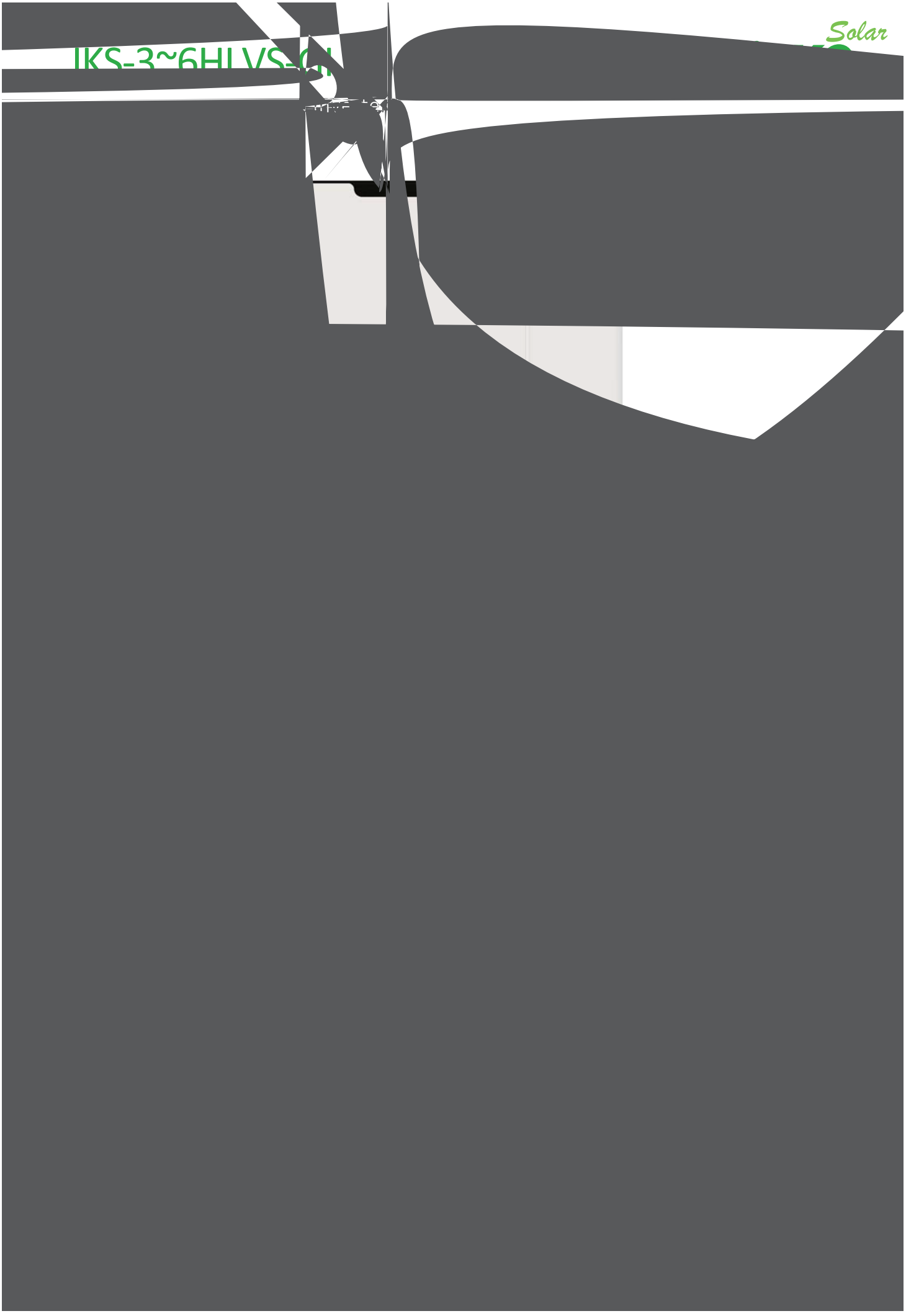
JinkoSolar to Supply 496 Sets of SunTank Residential ESS to Solar Shop Japan

JinkoSolar has delivered 496 sets of its Sun-Tank 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.


Solar

Mode

	-B51100- -H
	48 / 512
	40 - 60
	5000
	5000
	100 A
	100A

JKS-B51100-GI

Low Voltage LFP Bağery

LONG LIFESPAN

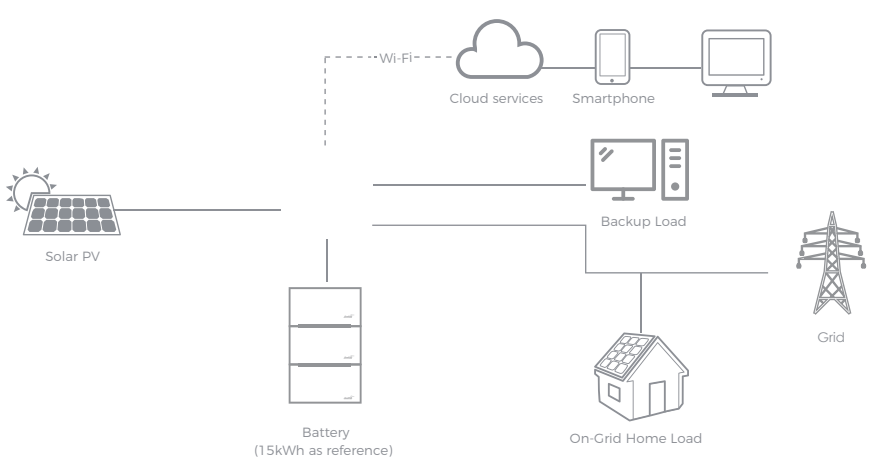
10 years comprehensive warranty with more than 6000 life cycles

EXTREME RELIABILITY

Full protections including cell, pack, and communication modules

ALL-IN-ONE SOLLUTION

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