

## 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.

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.

It features a flexible extensive capacity and








Model Name

. Recommended Arr	550
. t	380
t t	40 -530
rt	50
. f.i t r r / tri r t	2/1
. tC rr t r r r	16A
. rt- ir itC rr t r r r	20A
<b>Battery Input</b>	
C ti- B tt r	-B51100-
. i - B tt r	48 / 51.2
B tt r	40 - 60
.C r i r	5000
.Di r i r	5000
.C r i C rr t	100 A
.Di r i C rr t	100A



## 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) <sup>1</sup>	660/210/410mm	660/210/810mm	660/210/1210mm	660/210/1610mm	
Weight	58kg	116kg	174kg	232kg	
Max. Charging/ Discharging Power <sup>2</sup>	4.86kW	4.86kW	4.86kW	4.86kW	
Max. Charging/ Discharging Current	95A	95A	95A	95A	
<b>GENERAL SPECIFICATION</b>					
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				
<b>FEATURES</b>					
Communication Port	CAN, RS485				
Warranty	10 Years				
<b>CERTIFICATION</b>					
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