

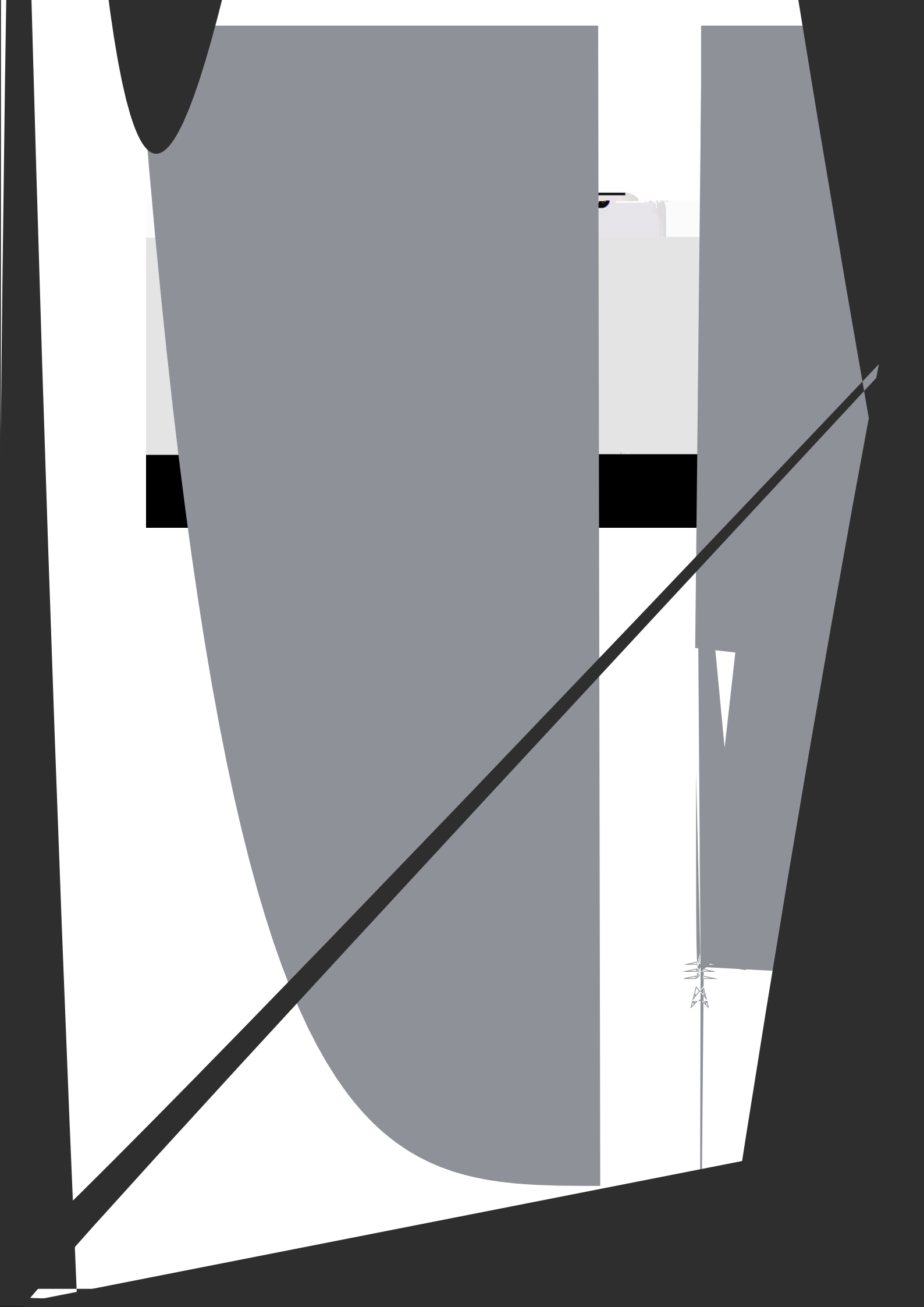
JinkoSolar to Supply 496 Sets of SunTank Residential ESS to Solar Shop Japan

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

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

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.



Model Name

Max. Recommended PV Array Power	
Max. Input Voltage	550V
Rated Input Voltage	380V
MPPT Voltage Range	40V-530V
Start Voltage	50V
No. of independent MPPT Trackers / Strings per MPPT Input	2/1
Max. Input Current per MPPT Tracker	16A
Max. Short-circuit Current per MPPT Tracker	20A
Battery Input	
Compatible Battery	JKS-B51100-GI
Nominal Battery Voltage	48V / 51.2V
Battery Voltage Range	40V - 60V
Max. Charging Power	5000W
Max. Discharging Power	5000W
Max. Charging Current	100 A
Max. Discharging Current	100A

SPECIFICATIONS

Battery Pack		JKS-B51100-GI			
Data sheet	JKS-B51100-GI	JKS-B51200-GI	JKS-B51300-GI	JKS-B51400-GI	
System Demo					
Battery Module		JKS-B51 00 -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)	660/210/4 0 m m	660/210/8 0 m m	660/210/ 2 0 m m	660/210/ 6 0 m m	
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 Batter SOC Indicator
- 3 Hidden cable connection box

