

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

| | |
|---|---------------|
| 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 |

JKS-B51100-G1

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



UNIQUE SAFETY

Ingression protection class of IP65 for flexible indoor and outdoor installation

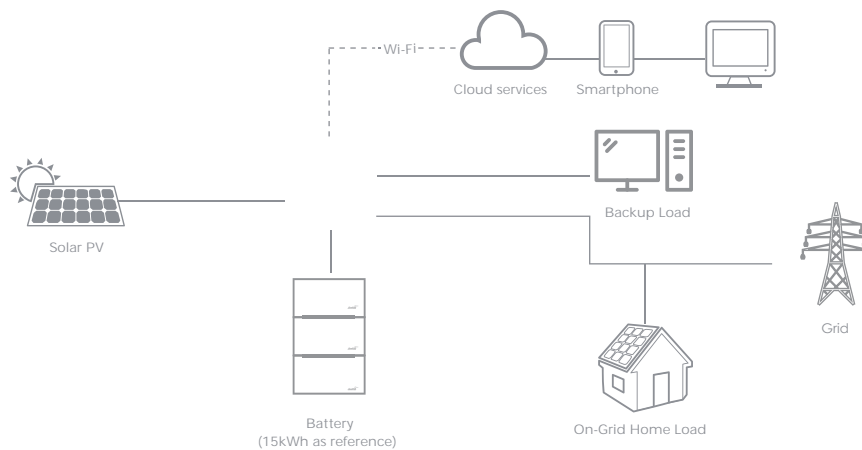


PREMIUM SERVICE




Australian-based Local support available 24/7

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