

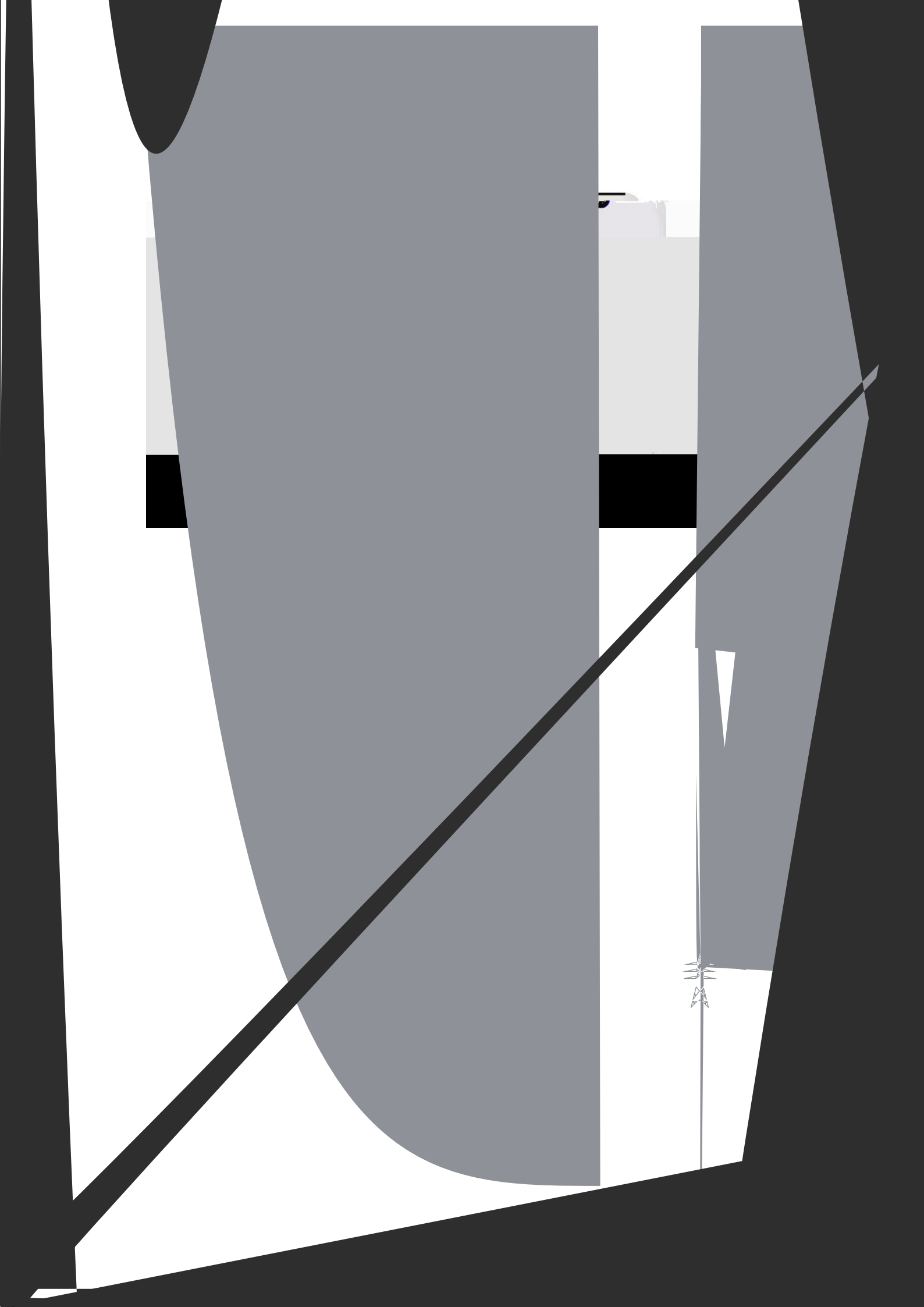
# JinkoSolar to Supply 496 Sets of SunTank Residential ESS to Solar Shop Japan

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

Recommended A

T

T

T

Battery Input

550

380

40 -530

50

2/1

16A

20A

- 51100- T

48 / 51.2

40 - 60

5000

5000

100

1



# 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 <sup>2</sup>                                     | 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

