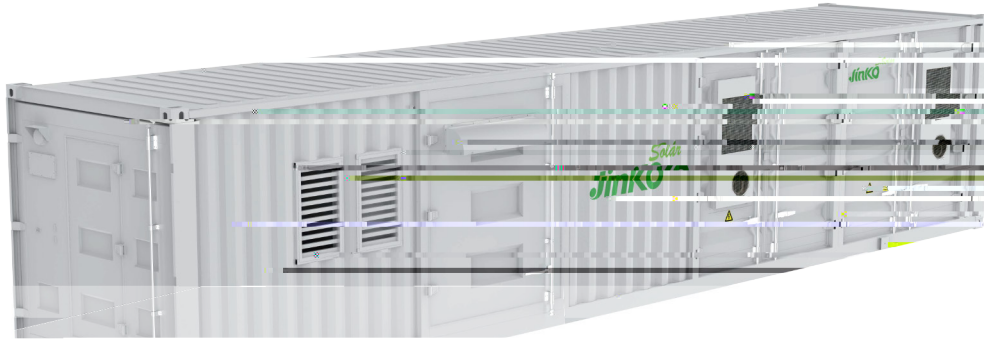


## **JinkoSolar Supplies 1.1MWh BESS for Hybrid Off-grid PV/DG System in Djibouti**

JinkoSolar today announced it has delivered a 1.1MWh BESS for Hybrid Off-grid PV/DG System in the Republic of Djibouti, Horn of Africa, Ethiopia to the southwest, for the electrification of rural communities.

This PV/DG/BATT off-grid system is composed of 1200 kW JinkoSolar' s Tiger Neo PV modules, three diesel generators, 1.1 MWh JinkoSolar' s battery storage, and

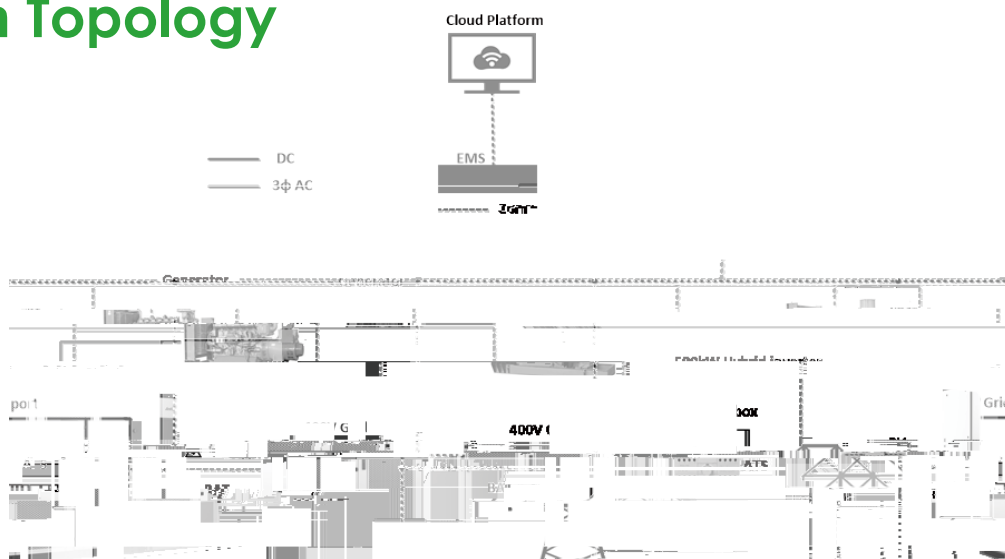
# JKS540~1620K-500H



## Key Features

- Highly integrated system with various working modes
- Pre-installed product enables express shipping and faster

## System Topology



## SYSTEM TECHNICAL SPECIFICATIONS

| DC Data                      | JKS540K-500H                           | JKS1080K-500H        | JKS1620K-500H |
|------------------------------|--|----------------------|---------------|
| Battery Chemistry            | Lithium Iron Phosphate (LFP)           |                      |               |
| Cell Life Cycle              | , # ' ' : pZdj '( : 7 ) , ' O fl ; F ; |                      |               |
| Cell Specification           | 3.2V/96Ah                              |                      |               |
| Battery System Configuration | 4P11S                                  | 8P11S                | 12P11S        |
| DC Rated Energy Capacity     | 540kWh                                 | 1080kWh              | 1620kWh       |
| Rated Voltage                | 704V                                   |                      |               |
| Voltage Range                | 616V~792V                              |                      |               |
| BMS Communication Interface  | RS485, Ethernet, GPRS                  |                      |               |
| BMS Communication Protocol   | D f [ YI j ' l KL D f [ YI j ' K: G    |                      |               |
| Max.PV Input Voltage         | 1000V                                  |                      |               |
| Standard/Max PV Power        | 600/720kW                              |                      |               |
| MPPT voltage range           | 250-850V                               |                      |               |
| MPPT voltage range@full load | 450-850V                               |                      |               |
| <b>AC Data</b>               |  |                      |               |
| Rated AC Power               | 500kW                                  |                      |               |
| Maximum AC Power             | 550kW                                  |                      |               |
| Rated Voltage                | 400V                                   |                      |               |
| AC Rate of Current           | 722A                                   |                      |               |
| THDi                         | * fl                                   |                      |               |
| Power Factor                 | 1(leading) ~1(lagging)                 |                      |               |
| Rated Frequency (Hz)         | 50/60Hz                                |                      |               |
| AC Connection                | 3W+N+PE                                |                      |               |
| STS Power                    | 500kW                                  |                      |               |
| STS Switching Time           | ) ' d j                                |                      |               |
| <b>General Data</b>          |  |                      |               |
| Dimension (W*D*H)            | 6,058*2,438*2,591mm                    | 12,192*2,438*2,591mm |               |
| Weight                       | <20T                                   | <30T                 | + ' K         |
| Degree of Protection         | IP54                                   |                      |               |
| Operating Temperature Range  | -20~40°C                               |                      |               |
| Relative Humidity            | ' uO, fl žef e\$fe[ \vej `e^ž          |                      |               |
| Max. Working Altitude        | 3,000m                                 |                      |               |
| Cooling Concept of DC hatch  | HVAC                                   |                      |               |
| Communication Interfaces     | RS485, Ethernet, GPRS                  |                      |               |
| Certifications               | UL9540A, IEC62619, CE, UN38.3          |                      |               |

CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT.

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