

## **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

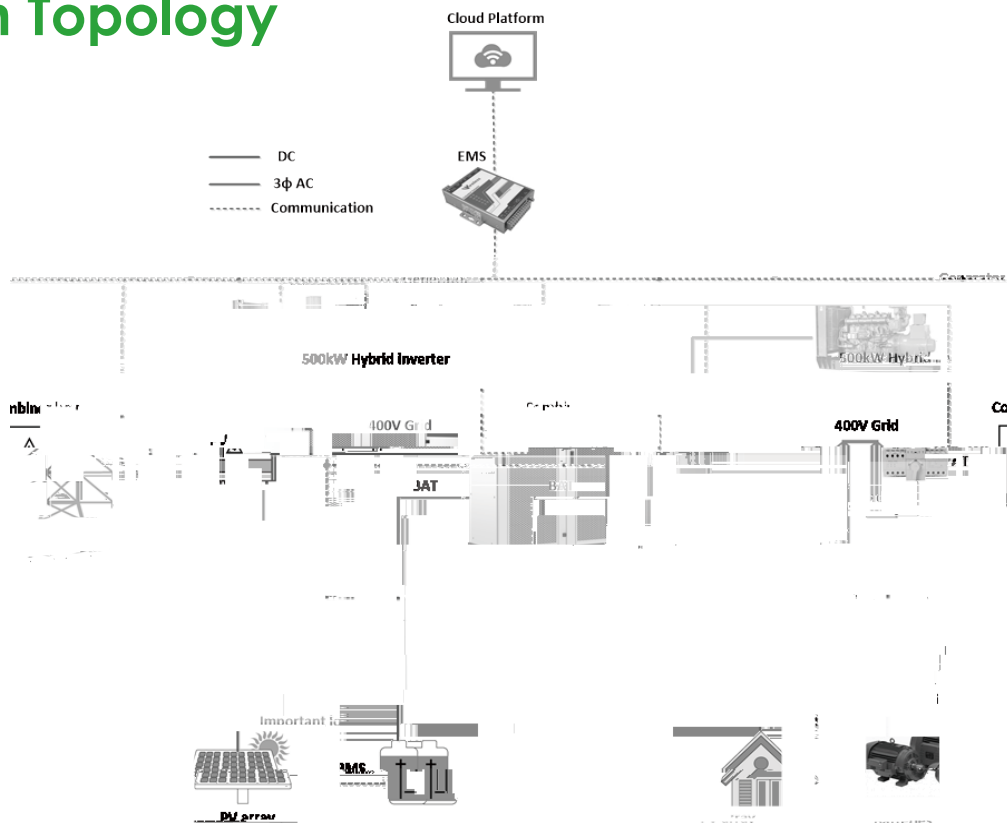
# JKS540~1620K-500H



## Key Features

- 500kW Hybrid Inverter
- 100V Grid
- 400V Grid
- 07h
- @

## System Topology



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Battery Chemistry	Lithium Iron Phosphate (LFP)		
Cell Life Cycle	, # ' ' : pZΔj '( : 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 ' I 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		

C A D □ □ □

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		

G D □ □ □ □ □ □ □ □ □ □

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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