

**JinkoSolar Lights Up Mozambique:
Delivering PV Plus ESS Microgrid to Empower Chipera Community**



DC Data	JKS270K-250H	JKS810K-250H	JKS1350K-250H
Battery Chemistry	Lithium Iron Phosphate (LFP)		
Cycle Life	5,000 Cycles 1C@25°C 90%DOD	5,000 Cycles 0.5C@25°C 90%DOD	
Capacity	3.2V/96Ah		
Battery Configuration	2P11S	6P11S	10P11S
DC Energy Capacity	270kWh	810kWh	1350kWh
Max. Voltage	704V		
Operating Voltage Range	616V~792V		
Battery Communication	RS485, Ethernet		
Battery Monitoring	Modbus RTU, Modbus TCP		
Max. System Voltage	1000V		
Max. Power	300/360kW		
Max. DC Voltage	250-850V		
Max. DC Voltage @ Max. Power	450-850V		
AC Data			
Max. AC Power	250kW		
Max. AC Power	275kW		
Max. AC Voltage	400V		
AC Current	361A		
THD	3%		
Power Factor	1(leading) ~1(lagging)		
Frequency	50/60Hz		
AC Configuration	3W+N+PE		
Max. AC Power	250kW		
Response Time	20ms		
General Data			
Dimensions (W*D*H)	2,991*2,438*2,591mm	6,058*2,438*2,591mm	12,192*2,438*2,591mm
Weight	<10T	<20T	<30T
Protection Class	IP54		
Operating Temperature	-20~40°C		
Relative Humidity	0~95% (non-condensing)		
Max. Altitude	3,000m		
Connection Type	DC		
Communication	RS485, Ethernet, GPRS		
Certification	UL9540A, IEC62619, CE, UN38.3		