

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

JinkoSolar has delivered a solar plus ESS microgrid

DC Data		JKS270K-250H	JKS810K-250H	JKS1350K-250H
Battery Capacity		Nominal Capacity (F ₂)		
Capacity at 5,000 Cycles, 1C@25°C 90%DOD		5,000 Cycles, 0.5C@25°C 90%DOD		
Capacity at 25°C		3.2 /96A		
Battery Internal Resistance	2, 11	6, 11	10, 11	
DC Input Voltage (V _{DC})	270	810	1350	
Max. Input Power	704			
Input Power Factor	616 / 792			
Battery Charge Current (I _{CH})	485, E			
Battery Discharge Current (I _{CD})	1000, 1350, 1500, C			
Max. Charge Current	1000			
Max. Discharge Current	300/360			
Max. Input Current	250-850			
Max. Input Current @f _{max}	450-850			
AC Data				
AC Input Voltage	250			
Max. AC Input Voltage	275			
Max. Input Power	400			
AC Input Frequency	361A			
THD	3%			
Power Factor	1(0.95) 1(0.95)			
Power Factor Range ()	50/60			
ACC Accuracy	3 + 0.5E			
Max. Efficiency	250			
Max. Efficiency at	20l			
General Data				
Dimensions (L*W*H)	2,991*2,438*2,591l	6,058*2,438*2,591l	12,192*2,438*2,591l	
Weight	<10	<20	<30	
Dissipation Factor	0.54			
Operating Temperature Range	-20 ~ 40 °C			
Humidity	0 ~ 95% (Non-condensing)			
Max. Ambient Temperature	3,000l			
Circuit Configuration	AC			
Circuit Configuration	485, E			
Circuit Configuration	9540A, EC62619, CE, 38.3			