

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

DC Data		JKS270K-250H		JKS810K-250H		JKS1350K-250H	
Battery Chemistry				(F)			
Cell Life Cycle	5,000 C	1C@25℃ 90%D	D	5,000 C	0.5C@25℃ 90%D	D	
Cell Specification		3.2 /96A					
Battery System Configuration		2 11		6 11		10 11	
DC Rated Energy Capacity		270		810		1350	
Rated Voltage		704					
Voltage Range		616 792					
BMS Communication Interface		485, E					
BMS Communication Protocol		, C					
Max.PV Input Voltage		1000					
Standard/Max PV Power		300/360					
MPPT voltage range		250-850					
MPPT voltage range@full load		450-850					
AC Data							
Rated AC Power		250					
Maximum AC Power		275					
Rated Voltage		400					
AC Rate of Current		361A					
THDi		3%					
Power Factor		1() 1()					
Rated Frequency (Hz)		50/60					
AC Connection		3 + + E					
STS Power		250					
STS Switching Time		20					
General Data							
Dimension (W*D*H)		2,991*2,438*2,591		6,058*2,438*2,591		12,192*2,438*2,591	
Weight		<10		<20		<30	
Degree of Protection		54					
Operating Temperature Range		-20 40 C					
Relative Humidity		0 95% (-)					
Max. Working Altitude		3,000					
Cooling Concept of DC hatch		AC					
Communication Interfaces		485, E ,					
Certifications		9540A, EC62619, CE, 38.3					