

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

JinkoSolar has delivered a solar plus ESS microgrid

SYSTEM TECHNICAL SPECIFICATIONS

DC D t		270 -250	810 -250	1350 -250
B C		Lithium Iron Phosphate (LFP)		
C C		5,000 Cycles 1C@25 90%DOD	5,000 Cycles 0.5C@25 90%DOD	
C		3.2V/96Ah		
B C		2P11S	6P11S	10P11S
DC E C		270kWh	810kWh	1350kWh
		704V		
		616V~792V		
B C		RS485, Ethernet		
B C		Modbus RTU , Modbus TCP		
		1000V		
		300/360kW		
		250-850V		
		450-850V		
AC D t				
AC		250kW		
AC		275kW		
		400V		
AC C		361A		
D		≤3%		
F		1(leading) ~1(lagging)		
F ()		50/60Hz		
ACC		3W+N+PE		
		250kW		
		≤20ms		
n r ID t				
D (*D*)		2,991*2,438*2,591mm	6,058*2,438*2,591mm	12,192*2,438*2,591mm
W		<10T	<20T	<30T
D		IP54		
		-20~40°C		
		0~95% (non-condensing)		
W A		3,000m		
C C DC		HVAC		
C		RS485, Ethernet, GPRS		
C		UL9540A, IEC62619, CE, UN38.3		