

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
	<10T	<20T	<30T
D	IP54		
	-20~40°C		
	0~95% (non-condensing)		
A	3,000m		
C C DC	HVAC		
C	RS485, Ethernet, GPRS		
C	UL9540A, IEC62619, CE, UN38.3		