

522/261kWh

Energy Storage System



2289*2600*1200mm
(W*H*D)



CE RoHS SGS

Parameters

Battery Configuration

Model	EC520-100K-C02	EC260-100K-C01
Battery Type	LFP 314 Ah	
PACK Configuration	20 kWh/ 1P20S	
Battery System Configuration	520 kWh/2 clusters 520S	260 kWh/1 cluster 260S
Battery System Voltage Range	676-936Vdc	

AC Parameters (grid connection)

Rated Power	250 kW	125 kW
Maximum Input/Output power	250 kW	125 kW
Rated Grid Voltage	400,3W+N+PE	
Grid Voltage Range	360-440 Vac	
Rated Current	380 A	190 A
Maximum Current	380 A	190 A
Rated Power Grid Frequency Allow Grid	50 Hz	
Frequency Fluctuations	±5 Hz	
Power Factor Range	-1~+1	
ITHD	<3%(Rated power)	

System Parameters

Battery Cabinet Dimensions	2168*2421.19*1474mm(W*H*D)	1085*2708.5*1515.8mm(W*H*D)
Battery Cabinet Weight	~5500 kg	~2700 kg
Protection Level	IP55	
Operating Temperature Range	-30~+50°C(>45°C drop)	
Operating Humidity Range	0~95% non-condensing	
Maximum Working Altitude	3000 m	
Temperature Control Method	Intelligent liquid cooling	
Isolation Methods	Transformerless	
System Communication Interface	Ethernet	
External Communication Protocol	Modbus TCP	