

AIO-418

► BESS cabinet



Specification

Product Model	FRES200-L20-418
DC Side Specification	
Cell Configuration	LFP 3.2V/314Ah
Voltage Range	1165V~1498V
Pack	52.208kWh/1P52S
Rack	418 kWh/1P416S
Charge/Discharge Rate	0.5
DC Protection	Breaker + Fuse
AC Side Specification	
Rated Power	220kW
Rated Voltage	690V
Rated Frequency	50Hz
Harmonic distortion	<3% (At Rated Power)
Power Factor	>0.99 (At Rated Power)(>20% Load)
PF Range	-105%~105%
System Specification	
Max Efficiency	92%
Discharge Depth	0-99% DOD
Cycles	>8000 / EOL 70%
Protection Degree	IP54
Cooling	liquid
Coolant	Ethylene Glycol Aqueous Solution=50%-50%
Corrosion Resistance Level	C4
Fire Protection	Active warning - alarm + Aerosol
Operating Temp.	-30~50°C (>45°C with derating)
Operating Altitude	4000m (>2000m with derating)
Operating Humidity	≤95%, non condensing
Communication	RS485, CAN, Ethernet
Dimensions (W*H*D)	1400 * 1400 * 2270 mm
Weight	3704 kg
Approval	CE