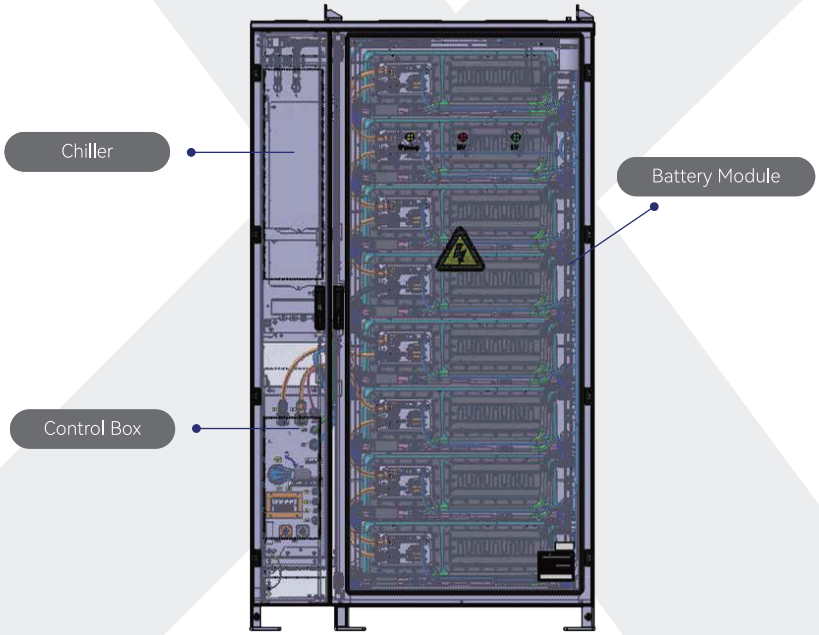
nRuiT
ENERGY SYSTEMS

OUTDOOR LIQUID-COOLED ELECTRIC CABINET



Components	Number	Remark
Rack Frame	1	2280mm(H)*1300mm(W)*1300mm(D)
Battery Modules	8	With CSC
Control Box	1	
Chiller	1	
Fire Protection	1	Including smoke detector, heat detector and aerosol

Product Type		Liquid-Cooled Electric Cabinet		
No.	Items	Specification		Remark
1	Configuration	1P416S		
2	Rated Energy	372.7kWh		
3	Rated Voltage	1331.2VDC		
4	Voltage Range	1164.8~1497.6VDC		
5	Charging Current	Rated	280A	
		Maximum	320A	Lasts 1 min
6	Discharging Current	Rated	280A	
		Maximum	320A	Lasts 1 min
7	Operating Ambient Temperature	Charge	-30~55℃	
		Discharge	-30~55℃	
8	Auxiliary Power Supply	Voltage Range	176-264V AC	50/60Hz
		Power	Heating-2800W Cooling-3200W	25℃
9	Environment Requirements	Storage Temperature	-40~60℃	
		Application Altitude	≤2000m	
		Size	2280mm(H)*1300mm(W)*1300mm(D)	
		Weight	3550kg	
		IP Level	IP56	
		Cooling Mode	Liquid Cooling	
10	General Parameters	Communication Agreement	CAN	
		Communication Agreement	CAN	
		Communication Agreement	CAN	
		Power Connection	Fast Plug	
		Communication Connection	Fast Plug	
		AUX Power Connection	Fast Plug	
		Coolant	50% Ethylene glycol aqueous solution	
11	Standard Requirement	Cell	UN38.3/UL1973/IEC62619/UL9540A	
		Rack	UL1973/IEC62619/IEC62477-1 UL9540A/IEC61000-6-2/-4	