

Fusio

Commercial & Industrial Energy Storage Cabinet

215kWh/258kWh/344kWh



Active Safety

- System-level aerosol firefighting
- Pack IP67 protection, system IP55 protection
- Highly integrated: including thermal management system, fire protection system, BMS, etc.



Compact & Flexible

- Compact footprint and high power density, enabling configuration flexibility
- System integrated design, flexible transportation & fast installation
- Support parallel connection of multiple cabinets



Smart & Efficient

- Real-time health & work status tracking
- Precise thermal management, ensuring temperature difference of cells inside each pack $< 3^{\circ}\text{C}$
- System energy efficiency $\geq 94\%$



Product Specification

Model Type	Fusio 215kWh	Fusio 258kWh	Fusio 344kWh
Cell			
Cell Chemistry Type	LFP		
Nominal Capacity	280 Ah (0.5P、25°C)		
Nominal Energy	896 Wh (0.5P、25°C)		
Nominal Voltage	3.2V		
Module			
Module Configuration	1P48S		
Nominal Capacity	280 Ah (0.5P、25°C)		
Nominal Energy	43 kWh (0.5P、25°C)		
Nominal Voltage	153.6V		
Cabinet			
Cabinet Configuration	1P240S	1P288S	1P384S
Module Quantity	5	6	8
Nominal Energy	215 kWh	258 kWh	344 kWh
Nominal Voltage	768 VDC	921 VDC	1228 VDC
Operation Voltage	600 ~ 876 VDC	720 ~ 1051 VDC	960 ~ 1401 VDC
System Energy Efficiency	≥94%		
Nominal Charge/Discharge Rate	0.5P		
BMS Communication	CAN		
Noise Level	≤75dB		
Thermal Management	Liquid Cooling		
Coolant	50%Water & 50%Glycol		
Coolant Volume	~ 11L		
IP Level	IP55		
Operation Temperature	−30°C ~ 50°C		
Storage Temperature	−20°C ~ 35°C (suggested)		
Dimensions (L x W x H)	1,300 x 1,300 x 2,350 mm		
Total Weight	≤2.6 T	≤2.9 T	≤3.5 T
Compliance Standards	IEC62619、IEC60730-1、UL1973、UL9540A、UN38.3		

Component Function Diagram

