

All-in-One Series

UE-All-in-One ESS-100/125kW-215/233kWh



Highly Integrated Design

- ◆ All-in-One Design, Factory Prefabricated Design
- ◆ IP55, Flexible Deployment, Plug and Play



High Yield

- ◆ High Efficiency: Maximum Round trip Efficiency 90%
- ◆ Long Life: 10 Years/ 6000 Cycles



Safe and Reliable

- ◆ Precise Monitoring and Quick Response Atomizing agent+Water Dual Mode fire Extinguishing System
- ◆ Off-Grid Independent Operation, V/F Control in off-grid Operation.



Easy Operation and Maintenance

- ◆ Modular Design, Flexible Configuration, Support Multiple Cabinets Deployment and Connection
- ◆ Low Operation cost: Digital-twin based Platform Enable real-time Monitoring, Remote Control and Failure Diagnosis, Significantly Reduce O&M cost

Model	ESS-100kW-280Ah-215kWh	ESS-100kW-280Ah-215kWh	ESS-125kW-280Ah-232kWh
Battery Type	LFP 280Ah		
Battery Rated Capacity	215kWh	215kWh	233kWh
Rated Power	100kW		
Energy Efficiency	≥90%		
Cycle Life	6000 Cycles @80% DOD, 0.5C		
Rated AC Output Voltage	380V(-15%~+10%)		
Rated AC Output Frequency	50Hz/60Hz(±5Hz)		
Wiring Method	3P+N+PE		
Power Factor	>0.99		
Power Factor Range	0.98(Leading)~0.98(Lagging)		
Rated DC Voltage	768V	768V	832V
DC Voltage Range	636~876V	672~864V	728~936V
Cooling Mode	Air Cooling	Liquid Cooling	Liquid Cooling
Fire Protection System	Pack Aerosol + Perfluorohexanone + Water Fire Interface	Aerosol/Perfluorohexanone/Optional	Aerosol/Perfluorohexanone/Optional
System Group Mode	1P240S	1P240S	1P260S
Protection Level	IP54	IP54	IP54
Operating Temperature Range	-20~55°C	-20~50°C(>45°C Derating)	-20~50°C(>45°C Derating)
Dimensions (W*D*H)	1600*1280*2210	1295*1400*2070	1295*1400*2070
Weight	2.5t	2.6t	2.7t