

Industrial & Commercial BESS Products

All-in-one design

- ▶ High performance PCS
- ▶ Active safety technology
- ▶ Active Balancing BMS
- ▶ Intelligent Power System



100kW/215kWh 200kW/344kWh

Industrial & Commercial Energy Storage – Liquid Cooling Series

► Main Specifications

Technical Parameter	215kWh	344kWh
Battery cell	280Ah, Lithium iron phosphate battery cell	
Composition	1P240S	1P384S
System nominal voltage	768V	1228.8V
System voltage range	648~864V	1036.8~1382.4V
System nominal capacity	215kWh	344kWh
Rated charging current	140A	140A
Rated discharge current	140A	140A
Design discharge rate	0.5C	0.5C
Number of cycles	≥6000 次 (25°C, 0.5C, 90%DOD, 80%EOL)	≥6000 次 (25°C, 0.5C, 90%DOD, 80%EOL)
Rated power	100kW	200kW
Max. output power	110kW	220kW
Rated grid voltage	380Vac	690Vac
Allowable voltage fluctuation range	-15%~10%	-20%~20%
Cable entry	3 phase 4 wire	3 phase 3 wire
Rated grid frequency	50/60Hz	50/60Hz
Operating temperature range	-20°C~55°C	-20°C~55°C
Communication protocol	CAN, RS485, TCP/IP	CAN, RS485, TCP/IP
Heat dissipation	Liquid cooled	Liquid cooled
Fire protection system	Hot aerosol fire extinguishing device	Hot aerosol fire extinguishing device
System protection level	IP54	IP54
Noise	≤75dB	≤75dB
Dimensions L*D*Hmm	1300*1300*2100	1300*1300*2650
Weight	Around 2.2t	Around 3.5t