

XX215KWH C&I ESS



High Capacity

215kWh energy storage for commercial & industrial use



Robust Performance

Designed for reliable, continuous operation



Flexible Integration

Compatible with various energy management systems



Guangdong Xinxin New Energy Co., LTD (XX Energy)

✉ Melody@xxenergize.com

🌐 www.xxenergize.com

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XX215KWH

C&I ESS

Model No.	XX215KWH
Battery	
Battery Type	LiFePO4
Nominal Voltage (V)	768V
Nominal Capacity (Ah)	280Ah
Nominal Energy (kWh)	215kWh
Battery Cell	3.2V280Ah
Energy per Battery Module (kWh)	43kWh
Battery Pack Configuration	240S1P
Number of Strings	1
Working Voltage Range	672~876V
Max. Charge Rate (kVA)	1000kVA
AC (online)	
Rated AC Output Power	100kW
Rated Current	145A
Rated Grid Voltage	400V
Environment	
Grid Frequency	50Hz/60Hz
RHDV (Linear load)	≤3%
General Data	
Communication Interface	Ethernet/CAN/RS485
Protocol (optional)	Can/RS485/RS232
Cycle Life	6000 cycles
Warranty	5 years
Dimensions (L*W*H)	1308*1452*2200mm
Net Weight	2420kg
Fire Extinguishing System	Gas Aerosol, Combustible gas detector (optional)
Working Temperature	Charge:0-50°C Discharge: -15-50°C
Humidity	0-95% (non-condensing)
Cooling Method	Liquid Cooling
Protection Level	IP54
Altitude (m)	3000m (> 2000m derated)

Notes:

- Built for big jobs—ideal for high power use, long runtimes, and demanding sites.
- Easy to scale as your energy needs grow—just add more capacity.
- We offer site-specific support, from planning to installation—just let us know.
- Fully compliant with safety and grid standards.
- Perfect for backup power, peak shaving, or grid-tied systems—reach out to discuss your setup.

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