

COMMERCIAL & INDUSTRIAL ENERGY STORAGE SYSTEM



Rich Features

Supports rich features, including emergency power backup, energy arbitrage, virtual power plant, demand side response, electricity spot trading



Easy to Install

Modular design, easy to install and operate



Intelligent Control

Cloud-based remote control with multi-level control architecture from PCS to battery cell monitoring and control



Flexible Energy and Power Expansion

Supports parallel connection of multiple E215 ESS to meet different power and energy expansion needs



High Adaptability

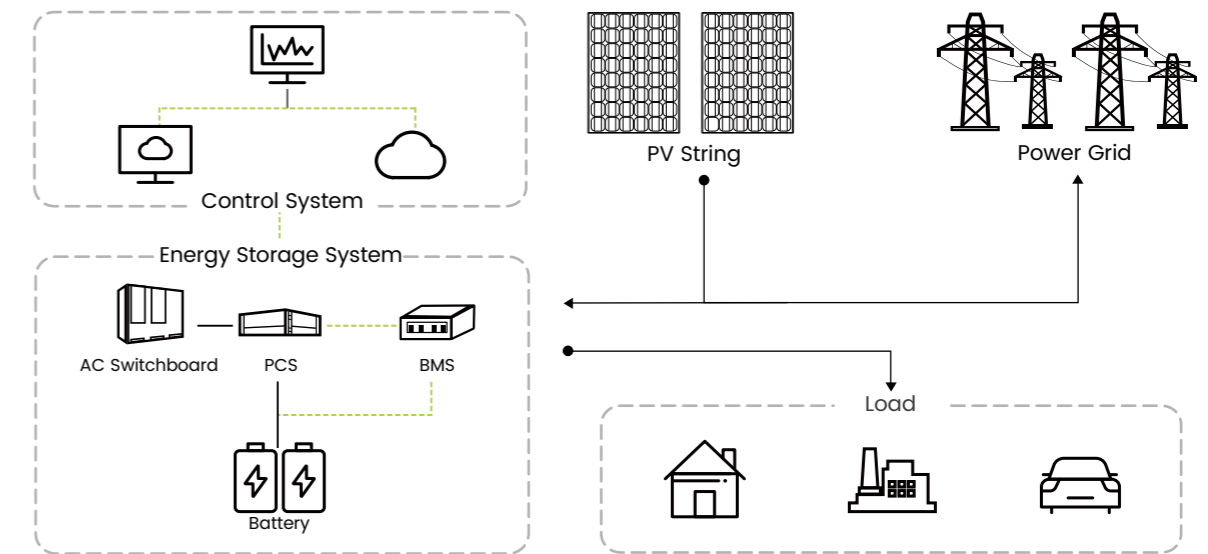
Easy to adapt with any AC renewable energy sources and AC loads



Reliable and Safe

LFP battery with active thermal control to ensure system reliability, safety, and long service life

APPLICATION ILLUSTRATIONS



PRODUCT PARAMETERS

Single Cabinet Capacity	215kWh
Battery Cell Spec	3.2V-280Ah-896Wh
DC Voltage Range	648-876Vdc
Charge And Discharge Rate	0.5P
Cycle Life	≥6000 (@25°C, 0.5P, 90%DOD, 80%EOL)
BMS	Multi-Level Architecture Integration
Communication Interface	Ethernet/RS485/CAN
Temperature Control Solution	Intelligent Frequency Conversion Air Cooling
Fire Protection Plan	Smoke/Temperature Detection + Perfluorohexanone
Rated AC Voltage	400Vac/3W+N+PE(50Hz)
Rated AC Power	100kW
Maximum AC Current	158A
Maximum Output Power	110kVA
Altitude	≤5000m (>2000m Derating)
Allowable Ambient Temperature	-20°C~40°C
Allowable Relative Humidity	0~95%Rh (No Condensation)
Protection Grade	IP55
Dimension (W*H*D)	1050*2500*1200mm
Total Weight	≤2000kg