



# 261kWh

## Commercial & Industrial ESS

- Modular design for flexible expansion and convenient maintenance
- High energy density with a compact footprint for easy installation and transportation
- Upper and lower compartment design for safety isolation; front maintenance to save space
- Cell-level thermal isolation to prevent thermal runaway between adjacent cells
- Front wiring support, eliminating the need for cable trenches and reducing construction costs
- Local HMI and cloud platform management for convenient remote maintenance

### PRODUCT FEATURES

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Data Center



Commercial Buildings



Industrial Parks



PV, Storage & Charging Integration



Distribution Grid Expansion

# SPECIFICATIONS

Battery Parameters	
Nominal energy(kWh)	261.24
Nominal voltage(V)	832
Cell type	3.2V/314Ah, LFP
Cell grouping	1P52S
Battery pack grouping	(1P52S)×5S
On-grid Output Parameters	
Rated grid voltage (V)	690~800 optional
Grid frequency (Hz)	50/60
Rated output power (kW)	125
Maximum output power (kW)	137.5
Rated output current (A)	180
Total harmonic distortion of current (%)	≤3
DC component (%)	<0.5
Power factor	-0.99 ~ 0.99
Off-grid Output Parameters	
Off-grid output voltage (V)	690~800 optional
Off-grid output frequency (Hz)	50/60
Off-grid apparent power (kVA)	125
Maximum apparent power (kVA)	137.5
Voltage total harmonic distortion (%)	≤3 (Linear Load)
Unbalanced load capability (%)	100
Number of off-grid parallel units	6
Basic Parameters	
System efficiency	≥87% (@0.5P, 25°C, BOL, )
Thermal management	PCS: Forced Air Cooling; Battery: Liquid Cooling
Fire protection	Cabinet-level Aerosol + Temperature Sensor + Smoke Detector + Combustible Gas Detector + Intake And Exhaust Fans + Dry Pipe
Communication protocol	Modbus RTU, Modbus TCP, MQTT, IEC104
Human-machine interaction	Indicator Lights + Cloud Platform
Connection method	Three-phase Four-wire
Isolation type	Non-isolated
Operating temperature (°C)	-20 ~ 55°C (Derating Above 45°C)
Operating humidity	0 ~ 95% Rh
Storage temperature (°C)	-30 ~ 60°C
Operating altitude	4000m (Derating Above 2000m)
Protection rating	IP55 (Battery Compartment), IP54 (Electrical Compartment)
Corrosion resistance rating	C4-M (Cabinet Meets C4-M; Liquid Cooling Unit And Pcs Standard C3-M, Optional C4-M)
Dimensions (width × depth × height) mm	976*1532*2428mm(Excluding Lifting Rings)
Weight (t)	Approximately 2.6t
Noise	<75db(A) @1m
Fire protection	IEC62619, IEC63056, IEC62477-1, IEC61000-6-2/-4, IEC60730, UN38.3, EU1542 (design meets), wireless RED, UL9540A, RoHS, REACH PCS grid connection certification: European standard EN50549-1&-2&-10; Germany VDE4110, VDE4120; Spain NTS631:2019, UNE217002:2020, UNE217001:2020; UK G99; Italy CEI 021/16