



High Energy Efficiency

The energy efficiency of 0.5P charge and discharge is no less than 94%



Ultra High Safety

LFP battery cells with smart liquid cooling system ;
Multi-stage FSS compliant with NFPA 855



Land Saving

High energy density, up to ~25% land saving

Specifications

Rated Capacity	5015.96kWh
Battery Pack Configuration	1P104S
Battery Cluster Configuration	1P416S
NO. of Battery Cluster	12
Operating Voltage	1040Vdc-1497.6Vdc
Nominal Voltage	1331.2Vdc
Max Charge/Discharge Rate	0.5P
Operating Temperature	-30℃~55℃
Humidity	0~95% RH
Ingress Protection	IP55
Corrosion Protection Level	≥C4
Fire Suppression System	Aerosol, Water sprinkler fire suppression
Ventilation and Explosion-proof	Explosion vents, Explosion prevention fans
Fire Detection	Temperature, Smoke, Combustible gas detection
Altitude	≤3000m
Weight	≈43t
Communication	CAN/RS485/Ethernet
Round Trip Efficiency	≥94%
Dimension (W×D×H)	6058mm×2438mm×2896mm

Certifications

IEC62477-2012, IEC62619-2022, IEC63056-2020, IEC61000-6-2, IEC61000-6-4, UN38.3, UN3536;
UL1973-2022, UL9540A-2019, UL9540-2023, NFPA68, NFPA69, NFPA855, HMA based on NFPA855