

Air-cooled Energy Battery Storage Outdoor Cabinet



105kW/241kWh

Commercial & Industrial ESS



All-In-One Design

Battery and inverter are integrated into one cabinet, saving installation time and cost



Safe

13 automatic fire extinguishers
121 temperature sensors



Scalability

Up to 12 units in parallel



Efficient

RTE efficiency up to 89%
3% higher than similar products

TECHNICAL PARAMETERS

DC Parameter			
Battery Type	LFP	Voltage Range	672V-864V
Configuration	1P240S	Cooling Mode	Air Conditioning Cooling
Rated Capacity	314Ah	Battery Cycle	8000@25°C, 80%DOD 0.5P
Rated Energy	241.152kWh	Fire Protection	Aerosol Extinguishing*13,Water
Rated Voltage	768V	Sensor	CO, smoke, temperature, water leak
Rated Power	105kW	Rated Charge/Discharge Rate	0.5P
AC Parameter			
Rated Output Power	105kW		
Rated Voltage	380V/400V(-15%~+15%)		
Frequency	50Hz/60Hz±2.5Hz		
Max. Output Current	167A		
Power Factor	0.99/-1~1		
System Parameter			
Operating Temperature	-20°C~55°C(>45°C derating)		
Noise	≤75dB		
Size (W*D* H mm)	1180*1230*2250		
Weight	About 2.4t		
Protection	IP54		
Humidity	0-95%(no condensation)		
Altitude	≤4000m(degraded above 2000m)		
Communication interface	CAN, Ethernet		
Communication protocol	ModbusTCP, MQTT		
Application	Peak shaving, VPP, Solar regulate, Off-grid		
Certification	IEC62619, EN62477, IEC 63056, IEC 61000, UN38.3, EN 50549-1, EN 50549-2, VDE-AR-N 4105, VDE-AR-N 4110, VDE-AR-N 4120, UNE 217001, UNE 217002, NTS631-A, NTS631-B, NRS 097, IEC 61727&62116, MEA&PEA		