

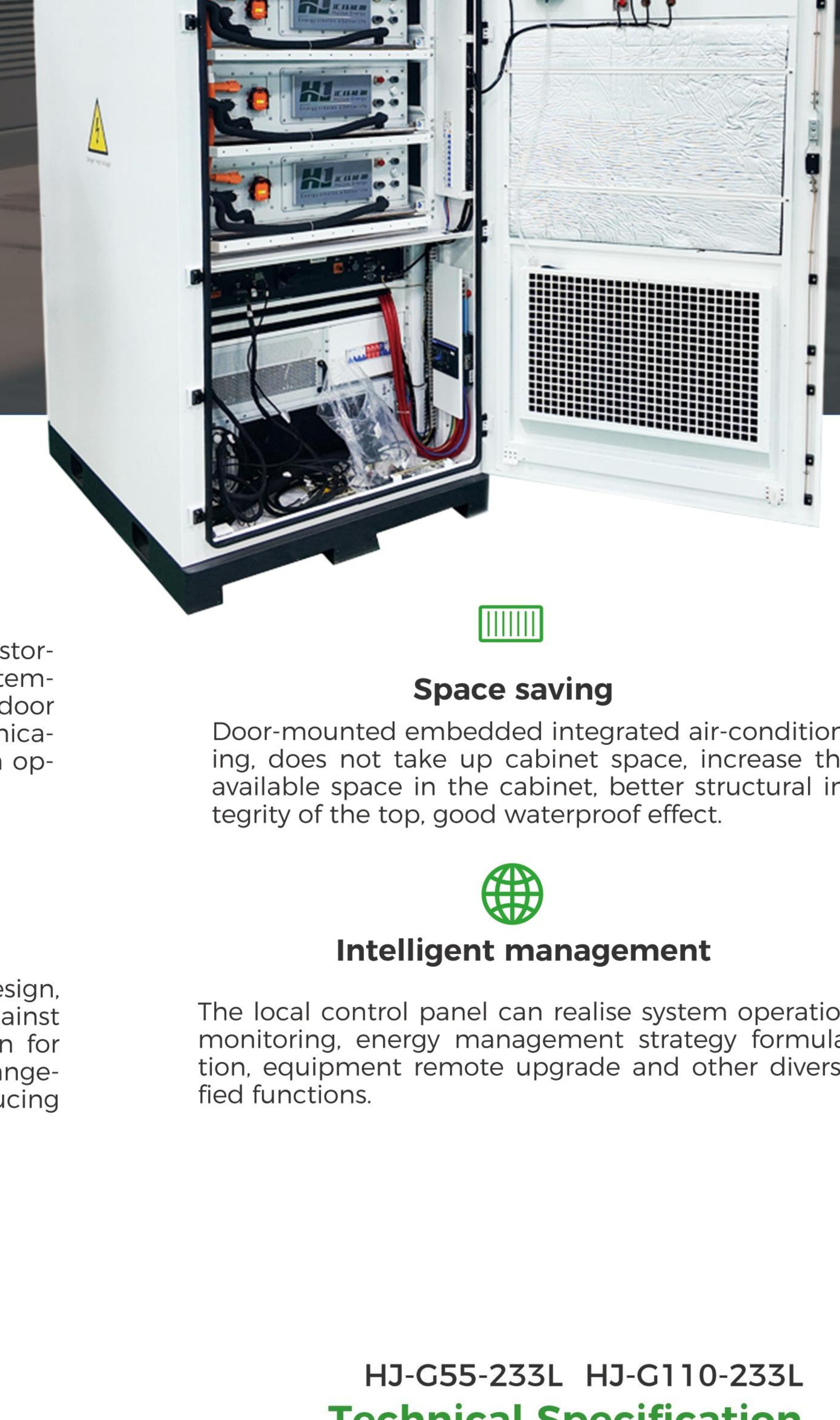
233KWh Outdoor Cabinet Energy Storage System

HJ-G55-233L

HJ-G110-233L

Key Elements

- Cooling :Liquid Cooling
- Power :55KW/233KWh; 110KW/233KWh
- Model :HJ-G55-233L/HJ-G110-233L
- Energy Capacity :233KWh
- Battery Cell :LFP 3.2V/280Ah



Highly integrated

Productised system, integrating energy storage battery, PCS and power distribution, temperature control, fire protection, flooding door magnet, and monitoring and communication, comprehensively controlling system operation status and risk.



Space saving

Door-mounted embedded integrated air-conditioning, does not take up cabinet space, increase the available space in the cabinet, better structural integrity of the top, good waterproof effect.



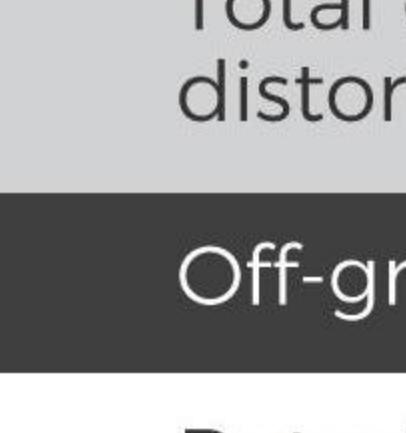
Excellent protection

Patented outdoor cabinet protection design, optimised cooling air ducts, protection against dust and rain; front and rear doors open for maintenance, facilitating side-by-side arrangement of multiple systems on site and reducing floor space.



Intelligent management

The local control panel can realise system operation monitoring, energy management strategy formulation, equipment remote upgrade and other diversified functions.



HJ-G55-233L HJ-G110-233L

Technical Specification

Technical parameters		HJ-G55-233L	HJ-G110-233L
DC Side Parameters			
Cell Type		LFP3.2V/280Ah	
Combination Configuration		1P260S	
Rated Energy		233kWh	
Voltage range		650-949V	
Cycle times		>7000times@70%EOL,25°C	
Communication Interface		RS485,CAN,Ethernet	
Conforms to standard		GB/T 36276,GB/T34131	
AC parameters			
Rated output power		55kW	110kW
Rated grid voltage		400V, 3-phase 5-wire	
Allowable grid voltage range		340~460V, ± 15%	
Rated current		79A	158A
Power factor		1 (ahead) - 1 (behind)	
Rated grid frequency		50 ±5Hz	
Overload capacity		110%: long-term operation; 120%: not less than 1 min.	
Total current waveform distortion rate (THDi)		<1.5%(100%PN)<5%(≥20%PN)	
Off-grid operating parameters			
Rated output voltage of independent inverter		400V(340~460V)	
Independent inverter voltage unbalance		<2%, not more than 4% for short periods of time	
Switching time between grid and off-grid		≤10ms	
STS specification		FSS-M200R1	
DC Side Parameters			
DC operating voltage range		650V~1000V	
Full power operating range		650V-950V	
Maximum DC current		93A	186A
Basic parameters			
Protective Functions		High/low voltage ride-through, anti-islanding, AC overcurrent, AC short circuit, AC overvoltage/subvoltage, AC incoming phase sequence error	
Maximum efficiency		99.00%	
Protection class		IP20	
Operating ambient temperature		-30°C~70°C(>50 °C derating)	
Relative humidity		0~ 195%(non-condensing)	
Cooling method		Air- cooling	
Dimension(L 'W'H)		715mm '500mm*190mm	
Weight (LxWxH)		≤66kg±0.5kg	
Noise Index		<80dB	
Maximum Working Altitude		3000m(>3000m derating)	
Communication method		RS485,CAN,Ethernet	
Conforms to standard		GB/T 34120,GB/T34133,EMC	
System parameters			
Dimension(H X D x W)		2130*1350*1373mm	
Weight		≈3.4T	
Protection Grade		IP54	
Anti-corrosion grade		C4/C5	
Cooling method		Liquid Cooling	
Operating Temperature Range		-30°C~50°C(>45°C derating)	
Operating humidity range		0~95%(non-condensing)	
Maximum working altitude		3000m(>2000m derating)	
Fire Fighting Mode		Aerosol + PACK level immersion + active warning	
External communication protocol		Modbus RTU,CAN2.0,Modbus TCP	

Contact Us

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