

Grid-Ready and Future-Proof with Smart, Seamless Storage.

BESS

3.461MWh

Design Philosophy:

Powering the future with smart, safe, and scalable energy storage—designed to stabilize grids and maximize efficiency for utility-scale success.



Intelligent Safety by Design



Efficient & Reliable



Liquid Cooled Thermal Management



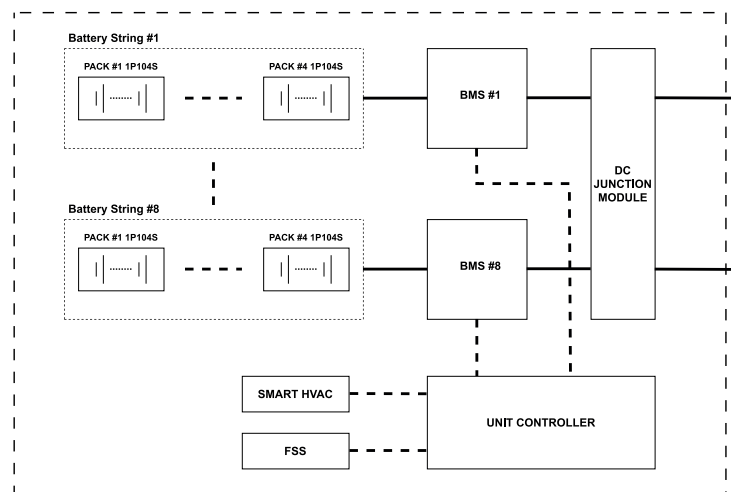
Hybrid Grid/Off-Grid Ready



Turnkey Plug-and-Play Deployment



Modular & Stackable Design



Specifications

Category	Item	Index
Electrical	Rated Capacity	3461kWh
	Nominal Voltage	1331.2V
	Battery Voltage Range	1144~1476.8V
	Nominal Power	1725kW
	Auxiliary Power Interface	AC 400/380V/50Hz
	Auxiliary Power Consumption	29kW
Mechanical	Cabinet Type	20ft HQ Container
	Dimensions (LxWxH)	6058×2438×3100
	Weight	34 tons
	IP Rating	IP55
System	Cell Type	LFP 325Ah
	Pack Configuration	1P104S
	String Configuration	1P416S (4 × Pack)
	System Configuration	8 × 1P416S
	Cycle Life	≥9000 cycles, 25°C, 70%SOH, 100% DOD (Cell Level)
	Cooling Concept	Smart Liquid Cooling /Heating
Safety & Environment	Operating Temperature Range	-30°C ~ +55°C
	Relative Humidity	5-95% (No condensing)
	Max. Working Altitude	≤3000m
	Noise	<80dB @1m
	Fire Suppression System	Aerosol-based suppression system.
	Compliance	IEC 62619, IEC 63056, IEC60730, UN3536, UL1973, UL9540A, UL9540, UN38.3, GB/T36276, GB/T34131
Communication	Communication Interface	RS485, Ethernet
	Communication Protocol	ModbusRTU, ModbusTCP, IEC104

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Note: Please read the safety and installation manual before using the product. We reserve the right of final interpretation. The specifications in datasheets are subject to change without notice.