

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

BESS

5.160MWh

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



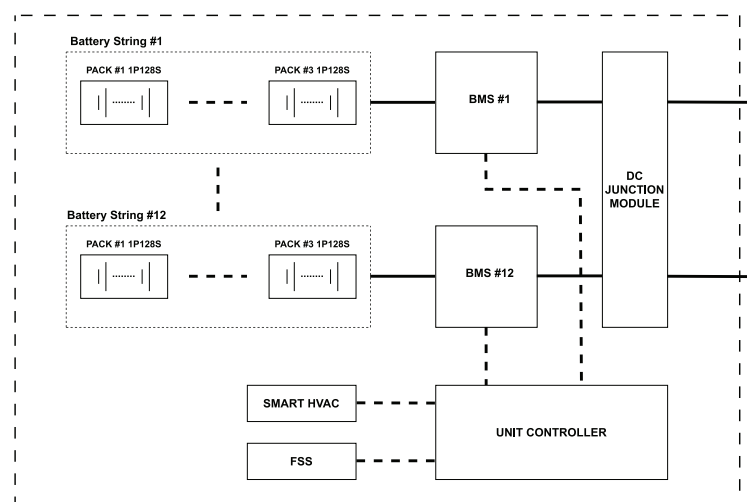
Hybrid Grid/Off-Grid Ready



Turnkey Plug-and-Play Deployment



Modular & Stackable Design



Specifications

Category	Item	Index
Electrical	Rated Capacity	5160kWh
	Nominal Voltage	1228.8V
	Battery Voltage Range	1075.2V ~ 1382.4V
	Nominal Power	2580kW
	Auxiliary Power Consumption	AC 400/380V/50Hz, 3P5W
Mechanical	Cabinet Type	20ft HQ Container
	Dimensions (LxWxH)	6058 x 2438 x 3100 mm
	Weight	43 tons
	IP Rating	IP55
System	Cell Type	LFP 350Ah
	Pack Configuration	1P128S
	String Configuration	1P384S (3 x Pack)
	System Configuration	12 x 1P384S
	Cycle Life	≥8000 cycles, 25°C, 70%SOH, 100% DOD
	Cooling Concept	Smart Liquid Cooling/Heating
Safety & Environment	Operating Temperature Range	-30°C ~ +55°C
	Relative Humidity	0-100% (No condensing)
	Max. Working Altitude	≤3000m
	Noise	≤80dB @1m
	Fire Suppression System	Aerosol-based suppression system / Dry pipe sprinkler
	Compliance	IEC 62619, UL9540A, NFPA855, CE, RoHS, etc
Communication	Communication Interface	Ethernet
	Communication Protocol	Modbus TCP/IP

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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.