

Specifications

Model	PotisBank-L5.0 -1500-0.5P
System Parameters	
Cell type	LFP
Rated Power	5015.96 kWh
Battery Rated Voltage	1331.2 V
Battery Voltage Range	1164.8 V~1500.0 V
Max. System Efficiency	94%
Charge & Discharge Rate	0.5 C
Cooling Method	Liquid Cooling
Max. operating altitude	≤2000 m
Operating temperature range	-40 ~ +60 °C
Relative operating humidity	0%-95%, RH
Ingress Protection	IP55
Communication Interface	Ethernet/RS485/CAN
Communication Protocol	Modbus TCP / Modbus RTU / CAN 2.0
Fire Control	Aerosol + water spray
Weight	43 t
Dimension (W*D*H)	6058*2438*2896 mm
Certifications	IEC/EN62619、IEC/EN61000、FCC Part15、IEC/UL60730、UL1973、 UL9540A、UN38.3、IEC/EN62477、UL9540、UN3536

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Potis Edge

Utility-scale Liquid Cooling ESS

PotisBank-L5.0



High Voltage Liquid Cooling ESS

PotisBank-L5.0

Relying on the full-stack self-research for core technologies, we have created the PotisBank-L5.0 liquid cooling energy storage system featuring high-efficiency and high-stability. Aiming to meet the key technology requirements in the "generation, transmission, distribution and utilization" of the power system, we provide global power users with full-scenario application solutions with more advanced technology and better service.



Energy Efficient

Long cycle life of up to 7,000 cycles helps customers reduce power costs.

Flexible Configuration

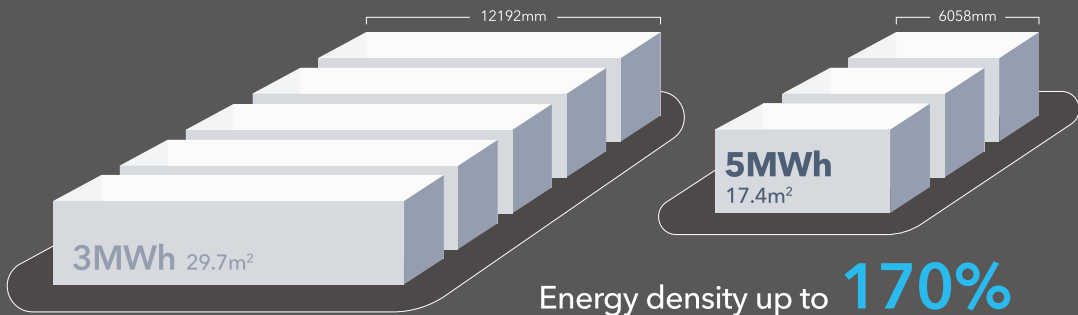
Individual energy capacity for each 20-foot standard container. Support shoulder-to-shoulder and back-to-back layout.

Safe and Reliable

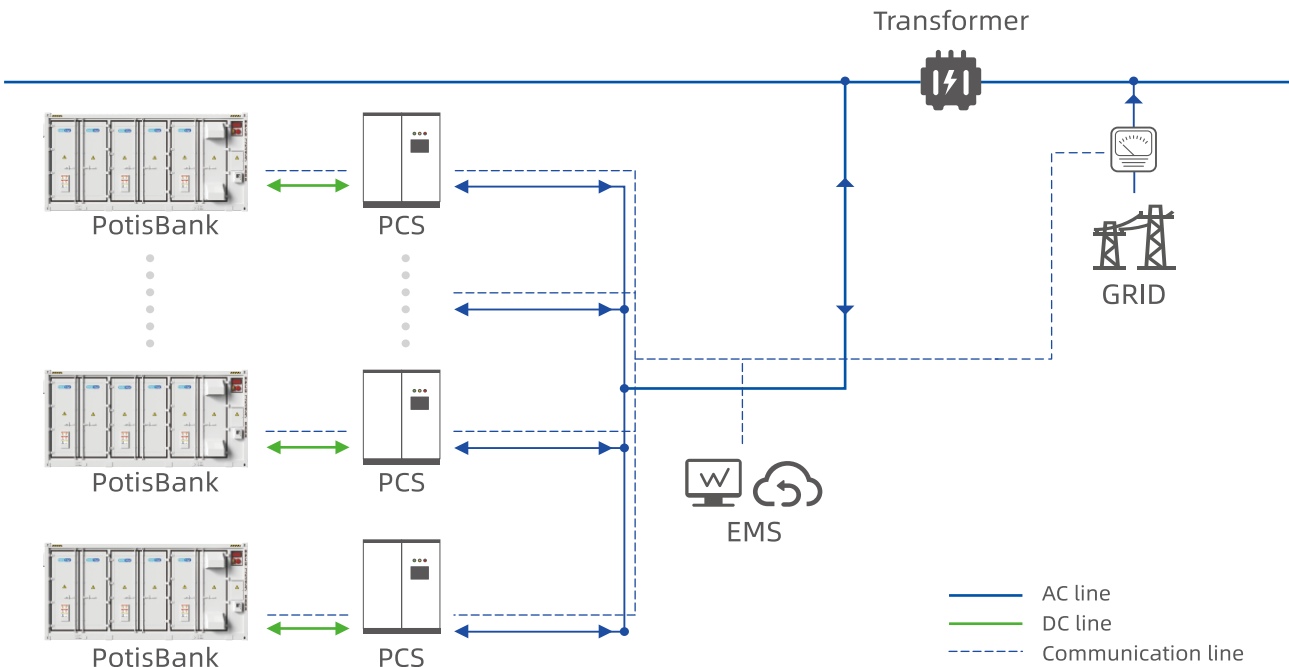
Excellent thermal management to maintain the battery temperature difference $\leq 3^{\circ}\text{C}$. Multi-level safety protection system.

Ultra-high Energy Density

Equipped with high energy density battery, achieving 20HQ power of 5.0MWh.



System Topology



Application Scenarios

