

PotisBank-L3.7

Utility-Scale Liquid Cooling ESS



SAFE AND RELIABLE

- Pre-assembled and tested before delivery
- Automatic temperature control system



HIGH ENERGY DENSITY

- Fast status monitoring and fault logging
- Support early warning and fault detection



ECO-FRIENDLY & VERSATILE DESIGN

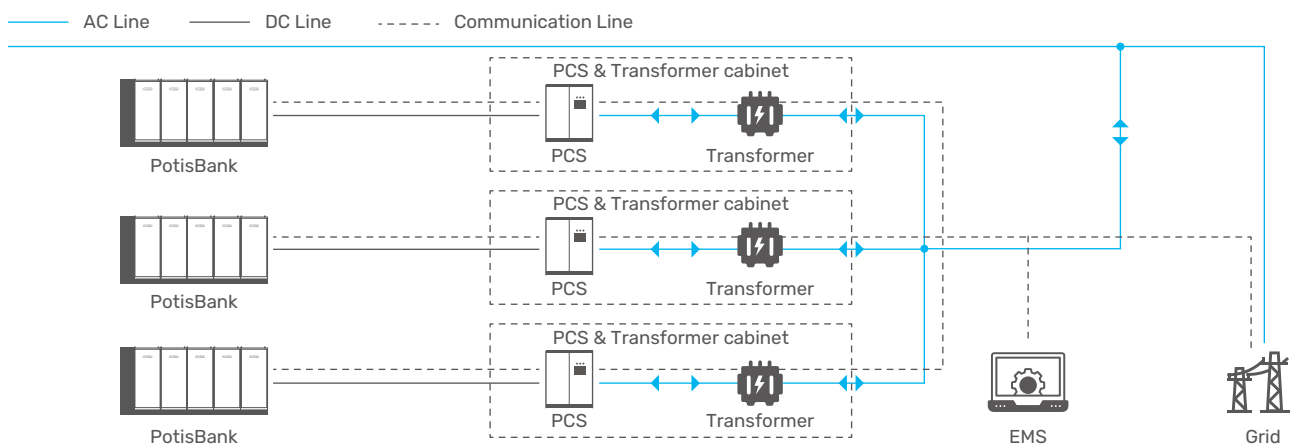
- High standard quality control system
- Quality assurance and control mechanism throughout the process



HIGH EFFICIENCY

- One-stop localization support

System Diagram



Technical Data		PotisBank-L3.7-1500
DC Side		
Cell type		LFP 280Ah
System battery configuration		10X1P416S
Nominal capacity		3.7MWh
Nominal voltage		1331.2V
Operating voltage range		1164.8V~1500.0V
Nominal charge/discharge rate		0.5P/1P
Round trip efficiency		Max.94%
General Parameter		
Dimensions(W*D*H)		6058*2438*2896mm
Weight		36.5t
Degree of protection		IP55
Anti-corrosion degree		C4, C5 (optional)
Operation humidity range		0%-95%,RH
Operation temperature range		-40~+60°C
Max. operating altitude		≤2000m
Temperature control method		Liquid Cooling
Noise		75dB@1m
Fire suppression system		Perfluorohexanone/Heptafluoropropane+ water spray
Communication interface		Ethernet, RS485, CAN
Communication protocol		Modbus TCP, Modbus RTU, CAN2.0, IEC61850, IEC104
Standard & Compliance		
Standard		IEC/EN62619, IEC/EN63056, IEC/EN61000, FCC, IEC/UL60730 UL1973, UL9540A, IEC/EN62477, UL9540, UN38.3, UN3536

*The specifications are subject to change without prior notice.