

LONGi

| Utility-Scale Liquid Cooling ESS |

PotisBank-L3.7



SAFE AND RELIABLE

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



INTELLIGENT MANAGEMENT

- Real-time state monitoring and fault logging
- Supports early warning and fault detection



INTEGRATED QUALITY ASSURANCE

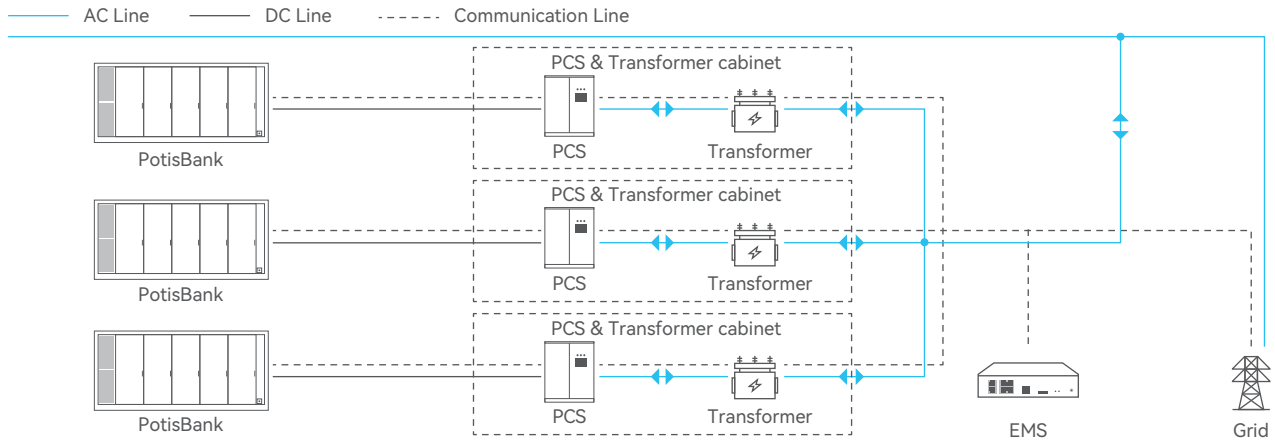
- High-standard quality control system
- End-to-end quality assurance and control mechanism



EASY OPERATION AND MAINTENANCE

- One-stop localization and customization support

SYSTEM DIAGRAM



PRODUCT SPECIFICATIONS

Technical Data		PotisBank-L3.7-1500
DC Side		
Cell type		LFP
Cell capacity		280Ah
System battery configuration		416S10P
Rated energy		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 Data		
Dimensions (W×D×H)		6058×2438×2896mm
Weight		36.5t
System ingress protection rating		IP55
Anti-corrosion degree		C4, C5 (optional)
Operation humidity range		0% ~ 95% RH
Operation temperature range		-30 ~ 55°C
Max. operating altitude		2000m
Temperature control method		Liquid Cooling
Noise		75dB@1m
Fire suppression system		Smoke and heat detectors, FACP, Sprinklers, Fire alarm system, Flammable gas detectors, Ventilation system, Perfluorohexanone
Communication interface		Ethernet / RS485 / CAN
Communication protocol		Modbus TCP, Modbus RTU, CAN2.0, IEC 61850 MMS, IEC 60870-5-104
Standard Compliance		
Standard		UL 1973, UL 9540A, IEC 62619, IEC 63056, IEC 62477, IEC 61000, FCC, UN 38.3, UN 3480, UN 3536