



DC OUTDOOR LIQUID COOLING BATTERY SYSTEM

OLP-EB-V1331_E418-LO01

Application Scenarios

Industrial parks, zero-carbon parks, manufacturing plants, green transportation, commercial services, data centers, and other high electricity consumption scenarios.

Product Advantages

High Safety: Passed UL9540A Unit level testing; prevents thermal runaway propagation even if a cell fails. Compatible with string PCS, eliminating risks of circulating currents and inter-cluster short circuits.

Long Lifespan: Utilizes LFP (Lithium Iron Phosphate) chemistry and liquid cooling, increasing cycle life by 30%.

Fast Installation: Single unit weight does not exceed 4 tons, facilitating easy on-site hoisting and installation.

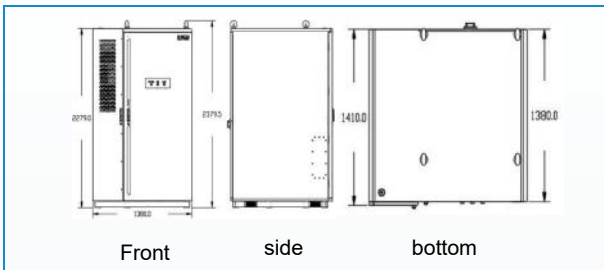
Easy Expansion: Can replace containerized solutions, allowing for flexible layout and deployment.

Easy Maintenance: Modular design simplifies on-site maintenance.

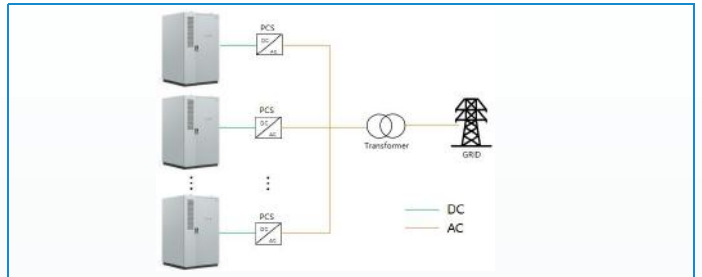


Model	O LP-EB-V1331_E418-LO01
Product Category	DC Outdoor Liquid Cooling Battery System
Rated Energy	418KWh@0.5C
Rated Power	Recommend Max209 kW
Rated Voltage	900-1500 Vdc
Cell Parameter	314Ah
Cell Type	LFP
Cell Configuration	1P416S
Rated Discharge Current	157A
Rated Charge Current	157A
Charging Temperature	0~45°C
Discharge Temperature	-20~50°C
Communication	CAN、485
Thermal Management Method	Liquid Cooling
Fire Protection System	Multiple detectors (temperature/smoke), perfluorohexanone/aerosol fire extinguishing, water fire protection, sound and light alarm
IP Rating	IP54
Weight	3660kg
Dimension	1380*1410*2380 (W*D*H)
Applicable Scenarios	Power Generation Side/Grid Side/User Side
Certification	IEC61000、UL9540A、IEC62619、UN38.3

INSTALLATION DIMENSIONS



TYPICAL APPLICATION



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