PowerHill (261kWh) -Liquid Cooling

Integrated Outdoor Battery Energy Storage Cabinet

- 314Ah large-capacity cells
- Six-layer ultimate safety design
- Efficient liquid cooling, cell temperature difference <2.5°C
- Max parallel operation of 10 units
- No need to replace liquid coolant for 10 years
- Local EMS & Smart O&M cloud platform

Integrated Outdoor Battery Energy Storage Cabinet

Model	PowerHill-P125-261kWh-S2
Battery	
Cell Type	LiFePO4-314Ah
Pack Configuration	5 * (1P52S)
Battery Capacity [kWh]	261
Cycle Life	8000 Cycles @70% EOL
AC Output	
Connection Type	3P4W
Charging / Discharging Power [kW]	125
Rated Grid Voltage [V]	220/380; 230/400
Frequency [Hz]	50
Rated AC Output Current [A]	181
Adjustable Power Factor Range	-1~1
Backup Output (Off-Grid)	
Connection Type	3P4W
Rated Output Power [kW]	125
Rated Output Voltage [V]	220 / 380; 230 / 400
Output Frequency [Hz]	50
Max. Current [A]	200
General Parameters	
Dimensions [W * H * D] [mm]	1026 * 2366 * 1350
Weight [kg]	About 2800
Degree of Protection	IP 55
Cooling	Liquid Cooling
Fire Suppression System	Smoke sensor, Temperature sensor, Air inlet / Exhaust, Aerosol
Anti-Corrosion Grade	C4 (Optional C5)
Relative Humidity	0 ~ 100% (Non - Condensing)
Operating Temperature [℃]	-25~55 (> 45 derated)
Altitude [m]	4000 (> 2000 derated)
Noise Level [dB(A)]	≤ 70
Communication Interface	Ethernet
Communication Protocol	MQTT, Modbus TCP
Certifications & Standards	
Certifications	IEC 62619 , IEC 61000 , IEC 63056 , IEC 60730-1 , IEC 62477-1 , IEC 60529 , UN38.3