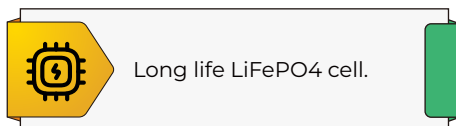
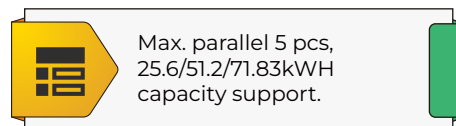




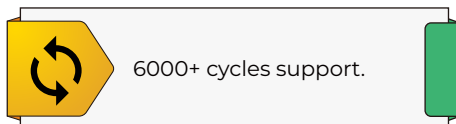
POL LV Battery 5.0/10.0/16.0kWh



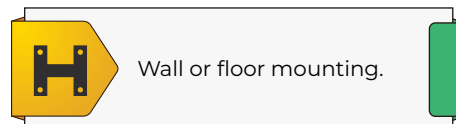
Long life LiFePO₄ cell.



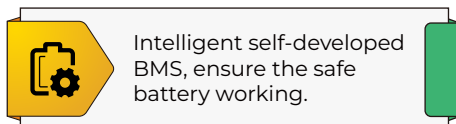
Max. parallel 5 pcs,
25.6/51.2/71.83kWh
capacity support.



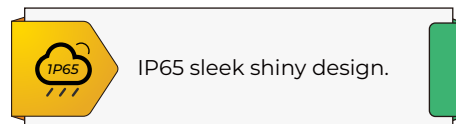
6000+ cycles support.



Wall or floor mounting.



Intelligent self-developed
BMS, ensure the safe
battery working.



IP65 sleek shiny design.

Model	POL-BAT-5.0-W	POL-BAT-10.0-W	POL-BAT-16.0-F
Battery Moudles			
Cell Type	LFP		
Battery Energy	5.12kWh	10.24kWh	16.077kWh
Cell Capacity	100Ah	200Ah	314Ah
Nominal Voltage	51.2V		
Battery Module Voltage Range	44.8-57.6V (Cell 2.8-3.6V)		
Nominal Current	100A	150A	180A
Maximum Continuous Charging And Discharging Current	100A/100A	160A/160A	180/180A
Peak Current	125A/3s	180A/3s	200A/3s
Cycle Life ¹	6000		
DOD(Depth Of Discharge)	93%		
General Data			
Dimensions(W*H*D)	520*310*224 (W*H*D) mm	520*585*224 (W*H*D) mm	390*820*230 (W*H*D) mm
Weight	44±2kg	81±2kg	120±2kg
Charging Temperature	-0 ~ 55℃		
Discharging Temperature	-10 ~ 55℃		
Storage Temperature	46℃ ~ 55℃@7day SOC≥30% 36℃ ~ 45℃@6months SOC≥30% -20℃ ~ 35℃@1year SOC≥50% (Perform Maintenance Every 6 Months)		
Parallel Quantity	5		
BMS Communication	CAN/RS485		
Installation	Wall mounted / Ground mounted		
Ingress Protection	IP65(battery & Electricity)		
PACK Certification	CE, UN38.3, MSDS, IEC 62619		
Warranty	5 Year		

Remarks¹: Test Condition At 25℃±2℃,0.5C/0.5C,90%DOD