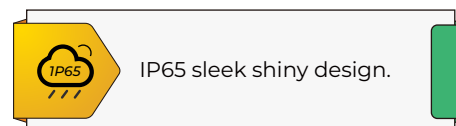
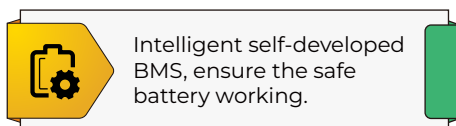
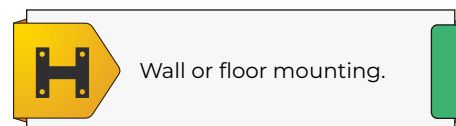
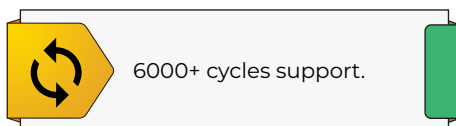
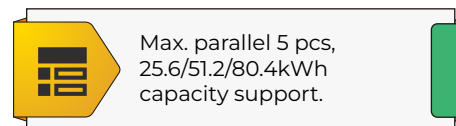
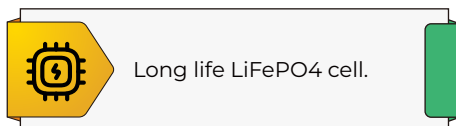




POL LV Battery 5.0/10.0/16.0kWh



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)	520x310x224 (mm)	520x585x224 (mm)	480x820x240 (mm)	
Weight	44±2kg	81±2kg	112±2kg	
Charging Temperature	-0 ~ 55 C			
Discharging Temperature	-10 ~ 55 C			
Storage Temperature	46 C ~55 C @7day SOC≥30% 36 C ~45 C @6months SOC≥30% -20 C ~35 C @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 Years			

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

