



STACKABLE BATTERIES

HV Stackable Batteries 10.2/13.6/17.0/20.4KW

Long life LiFePO4 cell.

Up to 6 stackable.

6000+ cycles support.

High efficient operation.

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

IP65 sleek shiny design.

Model	POL-BAT-10.2-HV	POL-BAT-13.6-HV	POL-BAT-17.0-HV	POL-BAT-20.4-HV
Integral Module				
Battery Energy	11981Wh	15974Wh	19968Wh	23962kWh
Usable Energy	10200Wh	13600Wh	17000Wh	20400Wh
Nominal Voltage	230Vdc	307Vdc	384Vdc	460Vdc
Nominal Current	25A			
Maximum Continuous Charging And Discharging Current	25A/25A			
Maximum Power	5750W / 5750W	7675W / 7675W	9600W / 9600W	11500W / 11250W
Cycle Life ¹	6000			
General Data				
Dimensions(WxHxD)	480x650x380(mm)	480x800x380(mm)	480x950x380(mm)	480x1100x380(mm)
Weight	121kg	156.5kg	192kg	227.5kg
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)			
Storage Humidity	5-95% RH			
Maximum Operating Altitude	2000m (Derating Above 2000 m)			
Cooling	Natural			
Parallel Quantity	4			
Protective Class	Class I			
Installation	Wall Mounted / Ground Mounted			
Ingress Protection	IP65(Battery & Electricity)			
Display	LED			
PACK Certification	CE, UN38.3, MSDS, IEC61000, IEC 62619, VDE2510-50			
Warranty	5 Year			

Remarks*1: Test condition at 25 C±2 C,0.5C/0.5C,90%DOD

