

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