

Power Lite HV Series

AI-Powered Battery Safety Detection and Customer Service



- ✓ Max. 10 Sets in Parallel
- ✓ Advanced BMS Control for Superior System Management
- ✓ Automatic Master-Slave Recognition for Seamless Integration
- ✓ Multi-Parallel Configuration across Battery Clusters
- ✓ Comprehensive Communication Interface for Inverters and EMS

System Parameters

Cell Type	LiFePO4					
Model	PLHB-H1-05K1	PLHB-H1-10K2	PLHB-H1-15K3	PLHB-H1-20K4	PLHB-H1-325K6	PLHB-H1-30K7
Battery Module Quantity	1	2	3	4	5	6
Rated Voltage (Vdc)	102.4	204.8	307.2	409.6	512	614.4
Total energy (kWh)	5.12	10.24	15.36	20.48	25.60	30.70
Rated Capacity	50 Ah					
Max. Parallel Quantity	10 sets, 307 kWh					
Rated Current (Recommended)	30 A, 0.6C					
Max. Continuous Discharge Current	100 A, 1C					
Dimensions (W*D*H), without Feet	560*400*1,663 mm (±5) / 22.05*15.75*65.47 in (±5)					
Weight	849.2 lbs / 385.2 kg					
Operating Temperature ^[1]	Charge: -5 °C ~ 55 °C / 23 °F ~ 131 °F Discharge: -15 °C ~ 55 °C / 5 °F ~ 131 °F					
Storage Temperature ^[2]	-15 °C ~ 55 °C / 5 °F ~ 131 °F					
Altitude	< 2,000 m / 6,562 ft					
Communication	CAN / RS485 / Wi-Fi					
Cycle Life	6,000 cycles					
Warranty	10-Year					
IP Rating	IP55, in stacked state					
Certification	IEC 62619 / EN 61000 / IEC62040 / IEC62477 / VDE-2510-50 / UN 38.3 / ROHS, REACH					

[1*] Recommended operating temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F

[2*] Recommended storage temperature: 10 °C ~ 30 °C / 50 °F ~ 86 °F