

Power Lite HV

Outdoor & Indoor Application (IP55)

Easy Installation

Self-heating for Low Ambient Temperatures (Optional)

Remote Monitoring with Over-the-air Updates (Optional)

Features

1. Automatic parallel configuration
2. Black start
3. Wide range of inverter capability, from 80 - 750 V
4. Embedded high accurate SoC / SoH algorithm
5. Wide range compatible with main-stream inverters, various protocols embedded
6. Quick stackable plug-in design
7. Outdoor & Indoor (IP55)



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Parameter	Specifications					
Model	PLHB-H1-05K1	PLHB-H1-10K2	PLHB-H1-15K4	PLHB-H1-20K5	PLHB-H1-25K6	PLHB-H1-30K7
Battery Module Quantity	1	2	3	4	5	6
Total Capacity	50 Ah					
Nominal Voltage	102.4 V	204.8 V	307.2 V	409.6 V	512 V	614.4 V
Size, W*D*H mm, inches	560*400*503, 22.0*15.7*19.8	560*400*735, 22.0*15.7*28.9	560*400*967, 22.0*15.7*38.1	560*400*1199, 22.0*15.7*47.2	560*400*1431, 22.0*15.7*56.3	560*400*1663, 22.0*15.7*65.5
Total Energy	5.1 kWh	10.2 kWh	15.3 kWh	20.4 kWh	25.6 kWh	30.7 kWh
Rated Charge / Discharge Current	30 A, 0.6C					
Weight (to be confirmed)	89.2 kg, 196.7 lbs	148.1 kg, 196.7 lbs	207.6 kg, 457.7 lbs	266.8 kg, 588.2 lbs	326 kg, 718.7 lbs	385.2 kg, 849.2 lbs
Design Cycle Life	6000, 0.5C at 25 °C, 80% DOD, 80% SOH					
Operating Temperature ^[1]	Charging Temperature: -5 °C ~ 55 °C / 5 °F ~ 131 °F Discharge Temperature: -15 °C ~ 55 °C / 5 °F ~ 131 °F					
Storage Temperature ^[2]	-15 °C ~ 55 °C, 5 °F ~ 131 °F					
Self-Discharge Rate of Module	≤2% per month, at 25 °C / 77 °F					
Max. Parallel Capacity	307 kWh					
Ingress Protection	IP55, in stacked up state					
Certificates & Standards	IEC 62619 / EN 61000-6-1 & EN 61000-6-3 / UN38.3 / RoHS, REACH					

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

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