




Power Lite HS

 Self-heating for Low Ambient Temperatures

 Easy Installation

 Remote Monitoring with Over-the-air Updates

 IP65



Features

- Multiple security protections
- Adapt to various environments
- Wide range of inverter voltages, from 80 - 750 V
- Embedded highly accurate SoC / SoH algorithm
- Quick stackable plug-in design
- Equipped with fire extinguishing system
- Wide range of compatible popular inverters, various protocols embedded
- Self-heating for low ambient temperatures

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Model Name	PLHS-H1-11K	PLHS-H1-16K5	PLHS-H1-22K	PLHS-H1-27K5	PLHS-H1-33K	PLHS-H1-38K5	PLHS-H1-44K
Cell Type	LiFePO4, Prismatic Cell						
Nominal Capacity	72						
Module Number	2	3	4	5	6	7	8
Nominal Energy [kWh]	11.05	16.58	22.11	27.64	33.17	38.70	44.23
Nominal Voltage [V]	153.6	230.4	307.2	384.0	460.8	537.6	614.4
Voltage Range [V]	129.6V~175.2	194.4V~262.8	259.2V~350.4	324.0V~438.0	388.8V~525.6	441.6V~624.0	518.4V~700.8
Max. Continuous Charge / Discharge Current (A)	60						
Rated Charge / Discharge Current	36A (0.5C)						
Rated Charge / Discharge Power (KW)	5.5	8.3	11.1	13.8	16.6	19.4	22.1
Max Charge / Discharge Power (KW)	9.2	13.8	18.4	23.0	27.6	32.3	36.9
Size (W*D*H) mm	675*360*643	675*360*813	675*360*983	675*360*1153	675*360*1323	675*360*1493	675*360*1663
Weight (kg)	127	176.5	226	275.5	325	374.5	424
Protection Degree	IP65						
Altitude (m)	3000						
Warranty ¹	10 years						
Cycle Life ²	6000						
Operating Temperature (°C) ³	-20~55						
Noise Emission	<35dB						
Humidity	5%~95%RH (non-condensing)						
Cooling	Natural Cooling						
Heating	CAN						
Communication Interface	Low temperature charging heating (option)						
Transmit Certification	UN38.3						
Certification	ROHS						
Safety	EN 62619, EN62477						
EMC	EN 61000-6-1/2/3/4						

1 0.5 C @ 25 °C, 90% DOD, 1 cycle per day

2 0.5C @ 25 °C, 90% DOD

3 Charging Temperature: -10 °C - 55 °C (With heating function)

Discharging Temperature: -20 °C - 55 °C