

IP55 Waterproof & Dustproof

# UIENERGIES PLHB-H1 5.12 kWh

## High-Voltage Residential Energy Storage



**LONG LIFE**  
> 6000 cycles



**HIGH SAFETY**  
LFP & Smart BMS









**LONG WARRANTY**  
Ten-year warranty



**MODULAR DESIGN**  
5.12kWh TO 30.72kWh

### COOPERATIVE BRAND



Datasheet	PLHB-H1-05K1	PLHB-H1-10K2	PLHB-H1-15K4	PLHB-H1-20K5	PLHB-H1-25K6	PLHB-H1-30K7
Pictures						
Battery Module Quantity	1	2	3	4	5	6
Battery Type	LiFePO4					
Rated Capacity	50Ah					
Nominal Voltage	102.4V	204.8V	307.2V	409.6V	512V	614.4V
Capacity	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					
Dimension	560*400*503mm	560*400*735mm	560*400*967mm	560*400*1199mm	560*400*1431mm	560*400*1663mm
Weight	89.2 kg	148.1 kg	207.6 kg	266.8kg	326 kg	385.2kg
Operating Temperature	Charging Temperature:-5°C ~ 55 °C / 5 °F ~ 131 °F Discharge Temperature: -15°C ~ 55 °C / 5 °F ~131 °F					
Storage Temperature	-15°C ~ 55 °C / 5 °F ~131 °F					
Working Humidity	5%~95% RH (non-condensing)					
Communication	CAN					
Cycle Life	>6000					
Warranty	10 Years					
IP Rating	IP55					
Self-Discharge Rate of Module	≤2% per month, at 25 °C / 77°F					
Max.Parallel Capacity	307 kWh					
<b>Certification</b>	<b>IEC62619 / CE / UL1973 / UL9540 / UL9540A / UN38.3 / ROHS / REACH / VDE 2510</b>					

