

Residential ESS

HYLV-100-B



Safety and Reliability

Using LFP cells and intelligent BMS monitoring and management



Strong Scalability

Maximum capacity of 30.72 kWh with 6 groups in parallel



High Adaptability

Mainstream inverter brand adaptations



Low MOQ

Low MOQ for OEM order,
Built your own brand



Optimal Electricity Cost

Long cycle life and superior performance



DATASHEET

MODULE: HYLV-100-B

Nominal Capacity(kWh)	5.12	10.24	15.36	20.48	25.6	30.72
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Number of Modules	1	2	3	4	5	6
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Dimension (W*D*H mm) 482.6*500*132 (per module)

Net Weight (kg) 45±2kg(per module)

GENERAL

Battery Type LiFePO4 Cell

Nominal Voltage(V) 51.2

Operating Voltage(V) 44.8-58.4

Nominal Capacity(Ah) 100

Depth of Discharge 95%

Max.Charge/Discharge Current(A) 100

Peak Discharge Current(A) 200A@30s

Operating Temperature Charge: 0-50 ℃ ; Discharge: -10-50 ℃

Storage Temperature -20-55 ℃

Communication RS485/CAN/RS223

Humidity 10%-85%(no condensing)

Altitude ≤ 2000m

Cycle Life ≥6000, 25 ℃

Protection Level IP21

Warranty 5 years / 10 years(optional)

CERTIFICATION

Safety(CB) IEC 62619:2022

EMC(CE) EN IEC61000-6-1:2019; EN IEC61000-6-1:2021

Transportation UN38.3, MSDS

