

Residential ESS

HYLV-100-A



Safety and Reliability

Using LFP cells and intelligent BMS monitoring and management



Strong Scalability

Maximum capacity of 40.96 kWh with 8 groups in parallel



Easy to install

Module stacking design



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: HYL V-100-A

Nominal Capacity(kWh)	5.12	10.24	15.36	20.48	25.6	30.72
Number of Modules	1	2	3	4	5	6
Dimension (W*D*H mm)	600*240*320	600*240*620	600*240*920	600*240*1220	600*240*1520	600*240*1820
Net Weight (kg)	50±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	90%
Max.Charge/Discharge Current(A)	100
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

