

Residential ESS

HYLV-5K/10K/16K



Wide range capacity

(5.12kWh, 10.24kWh, 16.08kWh)



High adaptability

Mainstream inverter brand adaptations



Smart BMS system to
optimize the performance



Cells cycle times 6000 cycles



Scalable up to 15pcs in parallel



5.12kWh



10.24kWh



10.24kWh



16.08kWh

DATASHEET

MODULE: HYL-5K/10K/16K

Nominal Capacity(kWh)	5.12	10.24	10.24	16.08
Dimension (W*H*D mm)	425*640*157	455*750*230	455*750*230	455*900*235
Net Weight (kg)	51	88	88	120

GENERAL

Battery Type LiFePO₄ Cell

Nominal Voltage(V) 51.2

Operating Voltage(V) 43.2~58.4

Nominal Capacity(Ah) 100 200 200 314

Depth of Discharge 90%

Max.Charge /Discharge Current(A) 100 200 200 200

Operating Temperature Charge: 0-50°C / Discharge: -20-55°C

Storage Temperature(recommend) -20-55°C (15°C-35°C)

Communication RS485 / CAN / RS223

Humidity 10%-85% (no condensing)

Altitude ≤ 2000m

Cycle Life ≥ 6000,25°C

Protection Level IP21

Warranty 5 years

CERTIFICATION

Transportation UN38.3, MSDS