

HYNER Home Power

8.038 kWh



Safe and Stable

- Lithium iron phosphate energy storage cells, with a cycle life of $\geq 11,000$ cycles, ensuring safety and reliability.
- Automotive-grade BMS provides data acquisition, monitoring, and protection functions to safeguard the battery.
- Features short-circuit protection and surge protection, ensuring safety and reliability.

Exceptional Performance

- Large-capacity energy storage ensures worry-free operation after grid power loss.

Easy Installation

- Preset cables and connectors, plug-and-play.
- Compact design compatible with wall-mounted and floor-standing installations, enabling rapid configuration.

Flexible Configuration

- Single-cell battery capacity 8.038 kWh and Power output 5 kW, suitable for most household usage.

Specifications

Model	ESS-5/8-1PN-A
Battery Type	LiFePO ₄
Pack Configuration	1P8S
Battery Energy	8038 Wh
Battery Capacity	314Ah
Cell Life	≥11000cls@(25+2)°C, 0.5P, 70%SOH
Nominal Battery Voltage	25.6Vdc
Battery Voltage Range	21.6Vdc- 29.2Vdc
Maximum Output Power	5000VA
Mains Nominal Voltage	230Vac
PV Charging Method	MPPT
PV Input Current	27Adc
IP Rating	IP20
Operating Altitude	≤4000m (>2000m Derating)
Recommended Charge Temperature	0°C~45°C
Recommended Discharge Temperature	-10°C~45°C
Recommended Storage Temperature	-20°C~60°C
Cooling	Natural Cooling
Dimensions (WxDxH)	500mmx230mmx757mm
Weight	75±2kg
Certifications	UN38.3/CE/IEC 62619

* In case the product size and specifications vary, please refer to the most up-to-date information.

