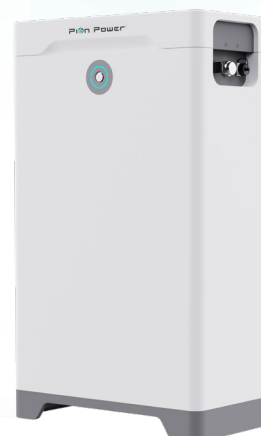


# 13.5kWh Battery for Home and Small Business

## Product Features

- 13.5kWh LiFePO4 battery for home backup and off-grid use.
- UL certified for reliable safety and performance.
- IP65-rated metal enclosure supports outdoor installation.
- 6,000+ charge cycles with long-lasting durability.
- Stackable up to 8 units to meet growing energy needs.
- Works with solar panels to store clean energy and lower electricity bills.
- Built-in BMS with protection from overvoltage, short circuit, and overheating.
- Compatible with hybrid inverters and smart energy platforms for real-time monitoring.



Model	XESHES-U-48V 13.5kWh-A-H
Capacity	13.5kWh
Depth of Discharge	90% DOD
Nominal Voltage	48VDC
Voltage Range	40.5~53.25VDC
Max. Charging Voltage	53.25VDC
Continuous Discharging Current at 25°C	140A
Continuous Charging Current at 25°C	100A
Efficiency	>93%
Operating Environment	Outdoor
Operating Temperature Range	Charging: -18°C-40°C
	Discharging: -20°C~40°C
Dimension (L*W*H mm)	490*251.3*832mm
Weight	116±3%kg
Cooling Method	Natural Cooling
Enclosure Material	Metal
Installation Method	Floor fixing
Ingress Protection	IP65
Max. Number of Parallel Connections	15
Communication Mode	RS-232, RS-485, CAN
Protection Type	Overvoltage, Overcurrent, Overtemperature, Under Voltage, Short Circuit
Certifications	UL 1642(Cell), UL 1973(Cell&Pack), UL9540A(Cell)_ UN38.3(Cell&Pack) IEC62619(Pack), IEC62040(Pack), CE/EMC(Pack)