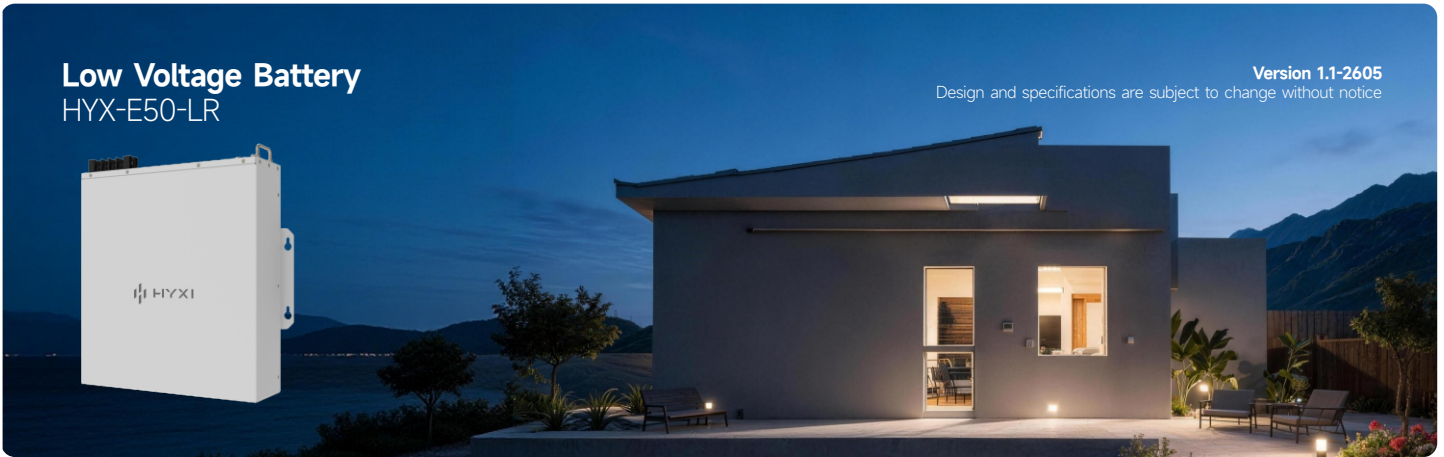


## Low Voltage Battery HYX-E50-LR

Version 1.1-2605  
Design and specifications are subject to change without notice



- High Security and Excellent Efficiency
- Compatible with CAN/485 Communication
- Simple Structure, Easy for Installation and Maintenance

- Modular Design, with a Maximum Support of 16 Units in Parallel for Capacity Expansion
- High Capacity, High Power Output

## Technical Specifications HYX-E50-LR

Product Model	HYX-E50-LR
<b>Performance</b>	
Battery Type	Lithium-ion
Rated Energy*	5.12kWh
Rated Voltage	51.2Vdc
Rated Capacity	100 (1C)Ah
Rated Charge Current	50A
Rated Discharge Current	50A
Max.Continuous Charge Current	100A
Max.Continuous Discharge Current	100A
Communication	RS485/CAN2.0
Display	LED Display
Cycle Life	6000 cycles (@90%DOD 70%SOH)
Protection	Double Safety Control [Bms, Circuit Protection], Over-Temperature Protection, Over-Current Protection, Short-Circuit Protection, Over-Charge Protection, Over-Discharge Protection
Parallel Connection	Up to 16 Units (81.92kWh)
<b>Mechanical</b>	
Dimensions [W*H*D]	443*133*492mm
Weight	41kg
<b>Environment</b>	
Storage Environment Temperature	-10 ~ +50°C
Discharge Temperature	-10 ~ +50°C
Charge Temperature	0 ~ +55°C
Relative Humidity	5% ~ 95%
Protection Level	IP20
Altitude	≤3000m
Cooling	Natural Cooling
Installation	Floor-mounted, Wall-mounted
<b>Certification</b>	
Others	UN 38.3

\*Test Conditions - Temperature 25°C, at the beginning of life.