



8kWh Wall - Mounted

Datasheet Residential BESS

Intelligent

Adjustable parameter settings
LED indication of product status

Safety

Short-circuit protection
Adjustable overcurrent protection

Flexible Configuration

Multiple batteries can be connected in parallel to expand capacity

Self-cooling Mode

Both noise and power consumption of the system itself are reduced significantly



MODULE INTRODUCTION

| PERFORMANCE SPECIFICATIONS | |
|-------------------------------|---------------------------|
| Model | HZEB-LCT-8 |
| Cell type | LiFePO4 |
| Nominal Energy | 8.038kWh |
| Nominal Capacity | 314Ah |
| Nominal Voltage | 25.6V |
| Operating Voltage Range | 22.4~28.8V |
| Combination Method | 1P8S |
| Charge and Discharge Current | 150A |
| Discharge Depth | Max100% (Suggestion80%) |
| System Protection Rating | IP20 |
| Installation Environment | In Door |
| Cooling Method | Self cooling |
| Operating Temperature | -10°C~50°C |
| Operating Humidity | 5%~90%RH (non-condensing) |
| Operating Altitude | < 2000m |
| Cycled Capacity | 8000Cycles |
| Recommended Current | 100 |
| Maximum Current | 150 |
| Charging Temperature Range | 0°C~50°C |
| Discharging Temperature Range | -10°C~50°C |

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- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios