

High-voltage Energy Storage Battery



Support Cloud



Long Cycle Life



Flexible Expansion

- Intelligent protection strategy, safe running
- Professional cells, long cycle life
- Flexible expansion, multiple choices of power
- Cloud OTA, remote upgrade, operation and maintenance
- Modular design, stacking installation



| Model | LB-M10.2H-S1 | LB-M15.3H-S1 | LB-M20.4H-S1 | LB-M25.6H-S1 | LB-M30.7H-S1 | LB-M35.8H-S1 | LB-M40.9H-S1 |
|----------------------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| System Parameters | | | | | | | |
| Nominal Capacity (kWh) | 10.24 | 15.36 | 20.48 | 25.6 | 30.72 | 35.84 | 40.96 |
| Usable Capacity (kWh) | 9.72 | 14.58 | 19.44 | 24.3 | 29.16 | 34.02 | 38.88 |
| Nominal Voltage (V) | 204.8 | 307.2 | 409.6 | 512 | 614.4 | 716.8 | 819.2 |
| Working Voltage (V) | 182.4~230.4 | 273.6~345.6 | 364.8~460.8 | 456~576 | 547.2~691.2 | 638.4~806.4 | 729.6~921.6 |
| Charging Voltage (V) | 224 | 336 | 448 | 560 | 672 | 784 | 896 |
| Max. Charge Current (A) | 25 | | | | | | |
| Max. Discharge Current (A) | 40 | | | | | | |
| Weight (kg) | 117 | 165 | 213 | 261 | 309 | 357 | 405 |
| Dimension W*D*H (mm) | 636 × 330 × 628 | 636 × 330 × 816 | 636 × 330 × 1004 | 636 × 330 × 1192 | 636 × 330 × 1380 | 636 × 330 × 1568 | 636 × 330 × 1756 |
| Design Life | 15 Years (25°C) | | | | | | |

| Model | LB-M5120H-B1 |
|----------------------------|---|
| Battery Parameters | |
| Battery Type | LiFePO ₄ IP32S |
| Nominal Capacity (kWh) | 5.12 |
| Usable Capacity (kWh) | 4.86 (95% DOD) |
| Nominal Voltage (V) | 102.4 |
| Working Voltage (V) | 91.2~115.2 |
| End-of-charge Voltage (V) | 112 |
| Max. Charge Current (A) | 25 |
| Max. Discharge Current (A) | 40 |
| Communication | RS485, CAN, WIFI |
| Storage Temperature (°C) | -20~50 |
| Storage Humidity | ≤85% |
| Working Temperature (°C) | Charging: -10~50 Discharging: -20~50 |
| Working Humidity | ≤95% No Condensation |
| Working Altitude (m) | ≤2000 |
| Ingress Protection | IP65 |
| Protective Class | I |
| Weight (kg) | 45 |
| Dimensions W*D*H (mm) | 636 × 330 × 188 |
| Design Life | 15 Years (25°C) |
| Cycle Life | >6000 cycles (25°C) |
| Max. Scalability | 8S |
| Certification | CE, IEC62619, IEC63056, IEC/EN61000-6-2/3, UN38.3 |