

High-voltage Energy Storage Battery

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Support Cloud
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Long Cycle Life
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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						