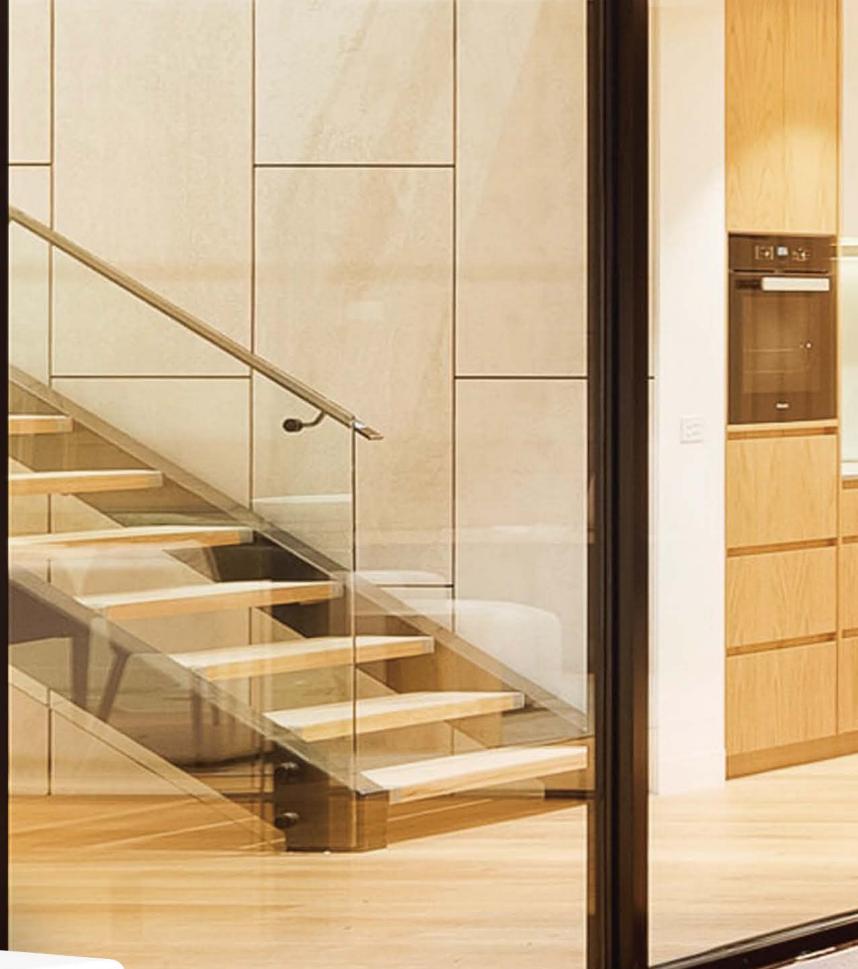




SL-BH High Voltage Battery System

SL-BH series is a high voltage battery that offers multiple energy storage options through an expandable modular design (3-8 modules combined), which further simplifies installation and O&M with multiple smart functions. The safest battery cell technology (LiFePO₄) comes with a high charging rate, ensuring superior performance.



Original battery active balance technology



Flexible capacity options,
7.68kWh to 20.48kWh



Easy installation with
modular and stacked design



Remote diagnosis
and real-time data monitoring

| | SL-BH-3-7 | SL-BH-4-10 | SL-BH-5-12 | SL-BH-6-15 | SL-BH-7-17 | SL-BH-8-20 |
|------------------------------|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| Electrical Parameters | | | | | | |
| NO. of series battery | 3 | 4 | 5 | 6 | 7 | 8 |
| Rated energy (kWh) | 7.68 | 10.24 | 12.8 | 15.36 | 17.92 | 20.48 |
| Usable energy (kWh) | 6.9 | 9.2 | 11.52 | 13.8 | 16.13 | 18.4 |
| Rated voltage (V) | 153.6 | 204.8 | 256 | 307.2 | 358.4 | 409.6 |
| Voltage range (V) | 134.4~172.8 | 179.2~230.4 | 224~288 | 268.8~345.6 | 313.6~403.2 | 358.4~460.8 |
| Rated capacity (Ah) | 50 | | | | | |
| Charge current (A) | 25(Recommended)/50(MAX) | | | | | |
| Discharge current (A) | 25(Recommended)/50(MAX) | | | | | |
| Cycle times | 80% DOD, cycles>6000, residual capacity>70% | | | | | |
| Communication | RS485/RS232/CAN 2.0 | | | | | |
| Protection function | Over voltage / Under voltage / Over temperature / Low temperature / Over current / Short circuit | | | | | |
| Size (W×D×H, mm) | 710×320×639 | 710×320×776 | 710×320×913 | 710×320×1050 | 710×320×1187 | 710×320×1324 |
| Weight (kg) | 118 | 150.8 | 183.6 | 216.4 | 249.2 | 282 |
| Working Conditions | | | | | | |
| Installation | Indoor | | | | | |
| Working temperature | -10°C~50°C | | | | | |
| Optimum working temperature | 20°C~30°C | | | | | |
| Storage temperature | -30°C~60°C | | | | | |
| Protection degree | IP54 | | | | | |
| Humidity | 5%~95% | | | | | |
| Altitude (m) | < 2000 | | | | | |
| Cooling | Natural | | | | | |
| Certificate | CE, UN38.3, MSDS, CB/EMC, IP | | | | | |

