

Energy Storage System - Low Voltage Batteries



IP65 Dust
& Water Proof



10 years warranty



All-around BMS protection



24/7 data monitoring

Solavita

Technical Specifications

| Model | SV 5KL-L1 | SV 10KL-L/W2 |
|-------------------------------------|--|--------------------------|
| System Data | | |
| Cell type | LiFePO4 | |
| Battery module | LB51100A | |
| Module number | 1 | 2 |
| Nominal capacity | 5.12 kWh | 10.24 kWh |
| Nominal battery voltage | 51.2 V | |
| Battery voltage range | 48V - 57.6 V | |
| Max. charging / discharging current | 50 A | 100 A |
| Max. charging / discharging power | 2.56 kW | 5.12 kW |
| General Data | | |
| Dimensions(W/D/H) | 490 / 150 / 680 mm | 640 / 181 / 1017 mm |
| Module weight | 44.5 kg | |
| Weight | 57 kg | 116 kg |
| Installation location | indoor / outdoor | |
| Mounting method | Floor stand | Floor stand / Wall Mount |
| Operating temperature range | Charge: 0°C ~ 55°C Discharge: -20°C ~ 55°C | |
| Storage temperature range | -20°C ~ 55°C | |
| Cooling concept | Natural convection | |
| Degree of protection | IP65 | |
| Relative humidity | 5~95%, non-condensing | |
| Max. operating altitude | 3000m | |
| Scalability | Max.8 sets in parallel | Max.4 sets in parallel |
| Communication | CAN | |
| Certification | IEC 62619/CE-IEC 61000 IEC 62040/UN38.3/UL 1973/UL 9540A | |
| Warranty | 10 years | |

