

LiFePO₄ SL-W Series

100AH-200AH



Product Snapshot

- 6000 cells cycle times, 5 years warranty, 10+ years life design
- Power wall design, space saving design
- High density, small size and weight
- Big charge/discharge current up to 100A/200A, suitable for solar storage system
- LCD display with communication port (CAN/RS485/RS232)
- Multi-protection
- Optional smart BMS can communicate with different brand of Hybrid Solar Inverter

LiFePO₄ SL-W Series
100AH-200AH

| MODEL | 25.6V100AH | 25.6V200AH | 25.6V200AH |
|--------------------------------------|--|---------------------|---------------------|
| Case design | Stand by the wall | Stand by the wall | Stand by the wall |
| Battery Type | LiFePO ₄ | LiFePO ₄ | LiFePO ₄ |
| Nominal Battery Model | 25.6V100AH | 25.6V200AH | 25.6V200AH |
| Nominal Capacity(25°C, 0.2C) | 2560Wh | 5120Wh | 4710.4Wh |
| Battery cell brand | EVE | EVE | SVOLT |
| voltage range (Vdc) | 20~29.4V | 40~ 58.4V | 40 ~ 58.4V |
| Float Charge Voltage(Vdc) | 27.6V | 55.2V | 55.2V |
| Max Continuous Discharge Current (A) | 100A | 100A | 100A |
| Max puse discharge current (A) | 200A5Sec. | 200A 5Sec. | 200A 5Sec. |
| Max Continuous charge current(A) | 50A | 100A | 100A |
| Cycle life, +25°C ,0.2C, %100 DOD | >6000 Cycles | >6000 Cycles | >6000 Cycles |
| Terminal | M8 | | |
| Storage temperature | -20°C ~45°C | | |
| Storage duration | 3 months at 25°C | | |
| Safety standard | UN38.3 MSDS | | |
| IP degree | IP20 | | |
| Communication function | CAN/RS485/RS232,standard BMS with SOROTEC Inverters Communication protocol. | | |
| PROTECTION | | | |
| Protection | Over current protection, over discharge protection, short circuit protection, overcharge protection, | | |
| AMBIENT | | | |
| Working Temperature | Discharge: -20°C ~ +65°C Charge: 0°C ~ +45°C | | |
| Humidity | 0-95% (no condensation) | | |
| Dimension, DxWxH(mm) | 460*195*642 | 460*195*642 | 460*180*872 |