

🏠 Household Energy Storage Battery

Ensuring electricity for homes has become one of LYBESS's missions. Our Wall series and Ground-HV series adopt the world's TOP grade LiFePO4 phosphate batteries, which have passed IEC62619/UL1973 certification. The finished product have passed CE/UN38.3/MSDS and other safety certifications.

■ LFP Wall Series

1. Reduce floor space, wall-mounted installation .
2. LFP cells are safer and have longer service life.
3. Support each inverter to support 1-8 battery packs in parallel.
4. Good compatibility, standard communication protocol, CAN and RS485, compatible with most popular hybrid and off-grid inverters in the market.
5. High protection measures, built-in Aerosol active fire protection module, thermal runaway detection and active fire protection.



LFP Wall-2500



LFP Wall-5000



LFP Wall-10K

| Specifications | LFP Wall-2500 | LFP Wall-5000 | LFP Wall-10K |
|------------------------|--|----------------|--------------|
| Battery Type | LFP | | |
| Nominal Voltage | 51.2V | | |
| Nominal Capacity | 50Ah | 100Ah | 200Ah |
| Shell Material | SPCC | | |
| Weight | 31kg (68lb) | 48.5kg (107lb) | 96kg (212lb) |
| L*W*H (inch) | 21*14*7.7 | 21*18*7 | 31*23*7.7 |
| L*W*H (mm) | 538*365*196 | 538*464*180 | 790*586*196 |
| Max. Discharge Current | 25A | 50A | 100A |
| Max. Charge Current | 25A | 50A | 100A |
| Max. Output Power | 1280W | 2560W | 5120W |
| Protection | IP65 | | |
| Cycle Life | >6000 (@0.2C 85%DOD >80%SOH) | | |
| Communication | CAN / RS485 | | |
| Support Parallel | Yes, 1-8 Parallel | | |
| Voltage Range | 45V~58.4V | | |
| Charge Temp Range | 0~55°C / 32~131°F | | |
| Discharge Temp Range | -10~55°C / 14~131°F | | |
| Heating Function | Optional | | |
| Compliance Standards | Cells(UL1973) / Pack(CE/UN38.3/IEC62619) | | |

