SORYQEX Battery Storage Co., Ltd.

Home Battery 200kWh

Installation Manual

200kWh / Low-voltage battery storage system / Peak Shaving / Floor Standing

Product path: http://localhost:10016/get-a-quote/
Install type: Floor-Standing | Voltage class: —
Source hub: /installation-manuals/

1. Overview

This installation manual covers the SORYQEX Home Battery 200kWh. Use it with the matching product page, datasheet, and inverter compatibility check before wiring.

Qualified personnel only. Follow local electrical codes. Confirm model, voltage, communication, breaker, cable size, and clearance for THIS exact product before installation.

2. Model Snapshot

Item	Value
Model	Home Battery 200kWh
Installation format	Floor-Standing
Voltage class	—
Product page	http://localhost:10016/get-a-quote/
Capacity / Power	200kWh
Voltage / Chemistry	Low-voltage battery storage system
Use Case	Peak Shaving
Install / Format	Floor Standing

3. Before You Install

- Confirm the exact model name matches the packing label and datasheet
- Check installation space, wall/floor load capacity, and service clearance
- Confirm inverter / PCS compatibility (voltage, protocol, charge limits)
- Select breaker and cable size for this battery + inverter combination
- Check indoor/outdoor suitability and IP / enclosure rating for the site
- Prepare grounding, isolation, and emergency shutoff per local code

4. Installation Steps (General)

- Power down related AC/DC sources and verify zero energy where required
- Unpack and inspect for shipping damage; keep packing list for warranty
- Mount or place the unit per the stated format: Floor-Standing
- Install protective earth / PE before energizing power circuits
- Connect DC / expansion / communication cables with correct polarity and torque
- Configure BMS / CAN / RS485 / WiFi settings to match the inverter protocol
- Power up in the sequence required by the host inverter / ESS controller
- Verify SOC, voltage, communication, and a low-load test before full operation

5. Wiring & Protection Checklist

- Do not size cables from a generic chart - use this model + inverter pair
- Keep DC polarity correct; reverse polarity can damage BMS / inverter
- Separate signal and power routing where required by the system design
- Use only approved connectors / expansion cables for parallel or host packs
- Never bypass BMS protection, fuses, or manufacturer interlocks

7. Safety

- LiFePO4 systems still require electrical safety practice and fire-access clearance
- Do not open sealed packs, short terminals, crush, or expose to immersion
- Stop use if swelling, abnormal heat, odor, leakage, or persistent faults appear
- Follow transport and storage rules for lithium battery products

8. FAQ

- Can I install outdoors? Only if this exact model is approved for outdoor use.
- Can I wall-mount it? Only if the install format supports wall mounting and the wall meets load requirements.
- Can I expand later? Only if the host/BMS supports parallel expansion for this model family.

9. Support

Download hub: /installation-manuals/
Compatibility check: /check-inverter-compatibility/
Quote / engineering: /get-a-quote/
Always confirm final breaker, cable, and protocol values on the latest datasheet for this model.