



**Shenzhen Sako Solar Co., Ltd.**

## Specification Approval Sheet

**Model/型号:**SK-LFP261kWh

**Capacity/容量:**832V 314 Ah

**Date:** 2025-12-03

**Material Code:**908-053101-016

| Prepare By | Checked By | Approved by |
|------------|------------|-------------|
| Chen Hui   | Jiang Bo   | Xiong Yun   |

|                                                   |                                                        |
|---------------------------------------------------|--------------------------------------------------------|
| Customer<br>Approved<br><br>Customer confirmation | Signature :<br>Sign one's name :                       |
|                                                   | Date:                                                  |
|                                                   | Company Name : (Company Stamp)<br>Company Name (Seal): |

Please return 1 copy to our company after stamping and confirming the specifications. Thank you!  
Please return one copy with signature and your company's stamp to us if approved. Thank you!



## 1 Scope

This product specification applies to the outdoor cabinets of the energy storage systems manufactured by our company, and specifies the product model, specifications, dimensions, performance, and maintenance requirements.

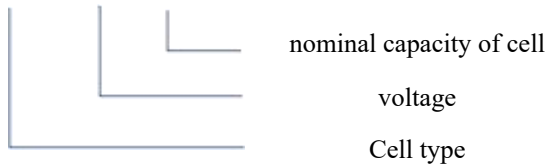
The specifications include: outdoor energy storage cabinet SK-LFP261kWh/832V/314Ah, with 52S single modules and 5S system modules, liquid cooling, DEYE 80K high-voltage CAN communication protocol, and three English technical terms.

## 2 Product Types and Models

Product Type: Lithium Iron Phosphate  
Battery Pack

**Product model: SK-LFP261 kWh**

**Parameter description: LiFePO<sub>4</sub>-832V/314Ah**



## 3 Technical Function

### 3.1 Function Introduction

(1) Reliability of charge and discharge. Through the high efficiency charge and discharge of lithium iron phosphate ion battery, the service life is long and the reliability is high.

(2) Automatic protection function. Rapid response, high-precision data sampling, and comprehensive reliable protection features:

- ◇ The battery pack and the battery cell are protected against overvoltage and undervoltage;
- ◇ overcurrent protection during charge and discharge;
- ◇ over temperature protection for charge and discharge;
- ◇ short-circuit protection .

(3) The protection reset mode is that the battery pack or cell is overcharge protection, the voltage is restored to the overcharge reset voltage value, overcurrent or over discharge protection automatically reset.

(4) Battery balancing function. According to the voltage of each battery, the energy transfer type balancing method is used.

(5) The same port for charging and discharging.

(6) 7-inch display.

(7) Supports RS485 /CAN communication.

(8) Outdoor waterproof cabinet design with IP54 rating.

### 3.2 Technical Parameter

| Project                                             | Specifications                                 | Remarks                                                                                 |
|-----------------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------------------|
| Model                                               | SK-LFP261kWh                                   |                                                                                         |
| Rated voltage (V)                                   | 832                                            |                                                                                         |
| Rated capacity (Ah)                                 | 314                                            | 0.5C discharge at 25°C                                                                  |
| Rated energy (kWh)                                  | 261.248                                        | 0.5C discharge at 25°C                                                                  |
| Stringing                                           | 260S1P                                         |                                                                                         |
| Recommended float voltage (V)                       | 878.8~891.8                                    | 260* (3.38~3.43V)                                                                       |
| Recommended charging voltage (V)                    | 897~936                                        | 260* (3.45~3.60V)                                                                       |
| Recommended discharge cutoff voltage (V)            | 741                                            | 260*2.85V                                                                               |
| Rated charging current (A)                          | 100                                            |                                                                                         |
| Fast charging current (A)                           | 157                                            |                                                                                         |
| Rated discharge current (A)                         | 100                                            |                                                                                         |
| Fast discharge current (A)                          | 157                                            |                                                                                         |
| Maximum discharge current (A)                       | 200                                            |                                                                                         |
| High-voltage protection voltage of battery pack (V) | 949                                            | Determined by the single strand within the group                                        |
| Monomer overvoltage protection voltage (V)          | 3.65                                           |                                                                                         |
| Battery pack low voltage protection voltage (V)     | 728                                            | Determined by the single strand within the group                                        |
| Monomer under-voltage protection voltage (V)        | 2.7                                            |                                                                                         |
| Charging temperature range (°C)                     | 0~55                                           | The outdoor temperature can drop to -20°C after installing the cabinet air conditioner. |
| Discharge temperature range (°C)                    | -20~60                                         | When the temperature exceeds 40°C, ensure proper ventilation for heat dissipation.      |
| Storage temperature range (°C)                      | -30~70                                         |                                                                                         |
| Size (mm)                                           | 1530 (width) * 1470 (depth) * 2040 (height) mm |                                                                                         |
| Weight (kg)                                         | <2500 Kg                                       | Reference weight                                                                        |
| Levels of protection                                | IP54                                           |                                                                                         |
| Heat dissipation method                             | Industrial liquid cooler                       | Cooling: 6000W, Heating: 2000W                                                          |
| Entry mode                                          | Bottom inlet (front bottom), side panels       |                                                                                         |
| Cyclic performance                                  | >8000 times (80% DOD)                          | 0.5C standard charge and discharge                                                      |
| Display screen                                      | 7 inch touch screen                            |                                                                                         |
| Communication mode                                  | RS485/CAN                                      | Default address 1                                                                       |
| Combination mode                                    | 5 battery modules + 1 high-voltage box         |                                                                                         |
| <b>Battery module</b>                               |                                                |                                                                                         |
| Cell type                                           | Lithium iron phosphate                         |                                                                                         |
| Cell model                                          | LFP-3.2V314Ah                                  |                                                                                         |
| Stringing                                           | 52S1P                                          |                                                                                         |
| Operating voltage range                             | 135~187.2V                                     |                                                                                         |
| Battery module model                                | 166.4V 314Ah                                   |                                                                                         |
| Nominal energy of battery module (kWh)              | 52.249                                         |                                                                                         |
| Battery module size (mm)                            | 800 Width * 1185 (Depth) * 255 (Height) mm     |                                                                                         |
| Weight (kg)                                         | <330 KG                                        | Reference weight                                                                        |
| Mode of connection                                  | Front wiring                                   |                                                                                         |

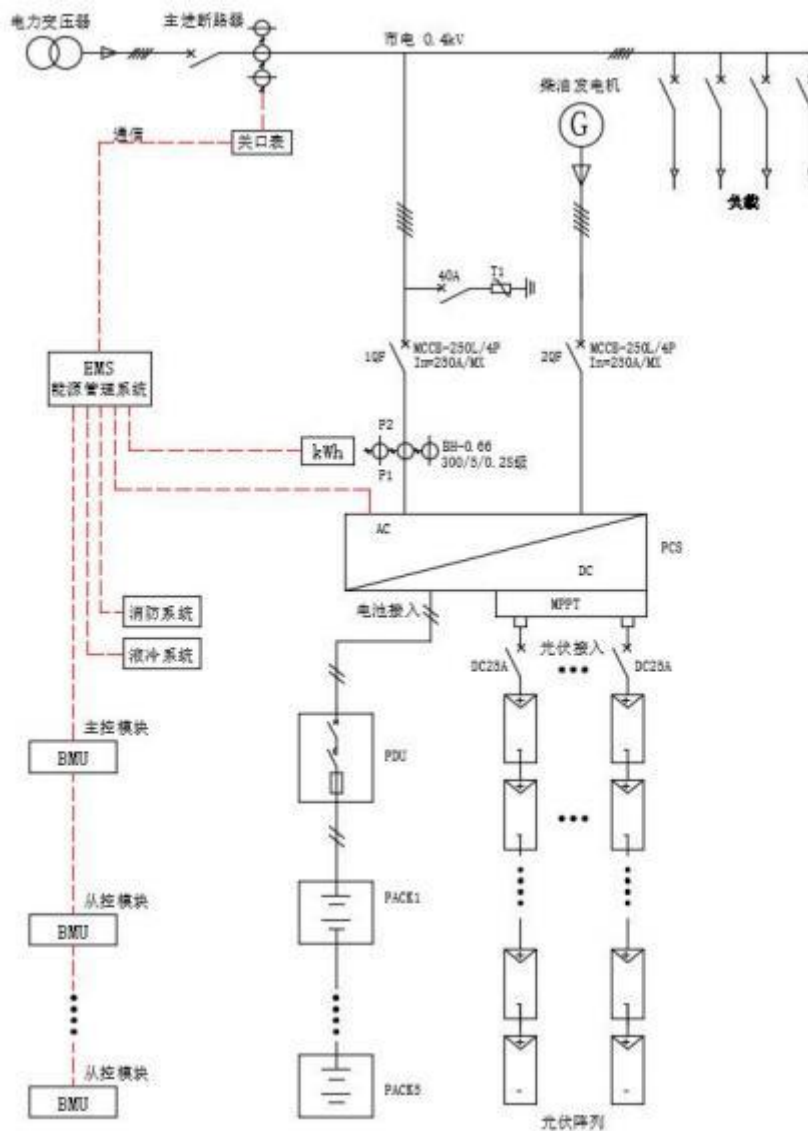
### High-voltage compartment

|                                 |                                           |                  |
|---------------------------------|-------------------------------------------|------------------|
| High-voltage box specifications | 1000V DC250A                              |                  |
| DC voltage range                | 250~1000V DC                              |                  |
| Current margin                  | 0~200A                                    |                  |
| Size (mm)                       | 555 Width * 976 (Depth) * 200 (Height) mm |                  |
| Weight (kg)                     | <35 KG                                    | Reference weight |
| Mode of connection              | Front wiring                              |                  |

### 3.3 Constituent Elements

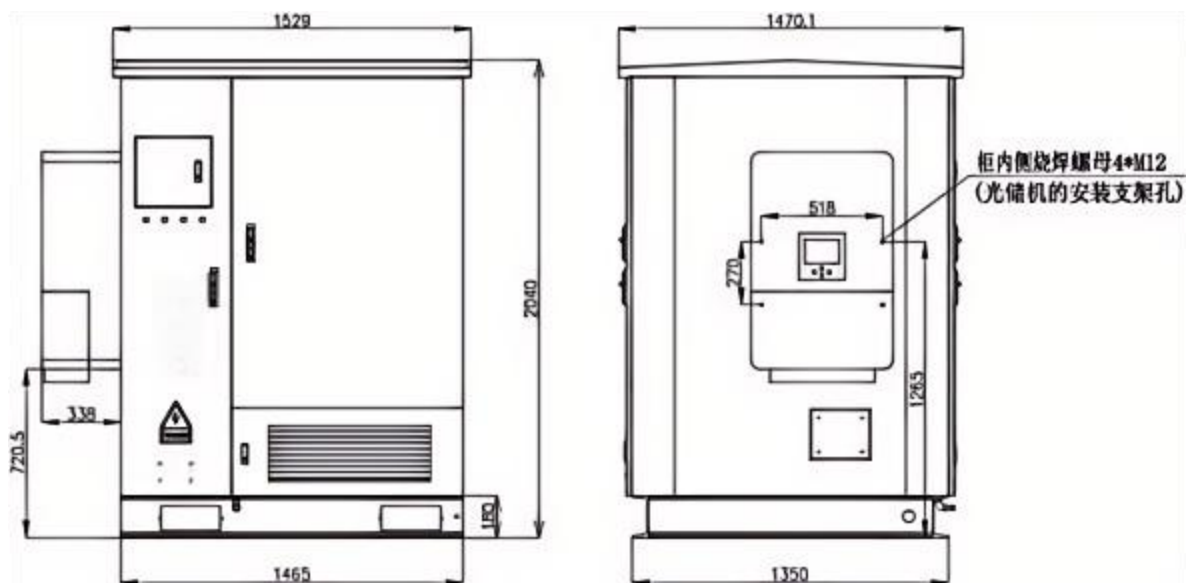
| Component                   | Specifications                          | Quantity   | Remarks |
|-----------------------------|-----------------------------------------|------------|---------|
| Battery system              | 5 1 battery module + 1 high-voltage box | 1          |         |
| Lithium iron phosphate cell | 3. 2V314Ah                              | 260 a flat | 260S1P  |
| Single pool module          | 166. 4V314Ah                            | 5 group    | 26S1P   |
| BMU                         | 52 road voltage sampling                | 5 cover    |         |
| BCU                         | 1000V series                            | 1 cover    |         |

### 3.4 Connection DIAGRAM OF THE PRIMARY SYSTEM OF THE TYPICAL ENERGY STORAGE COUNTER



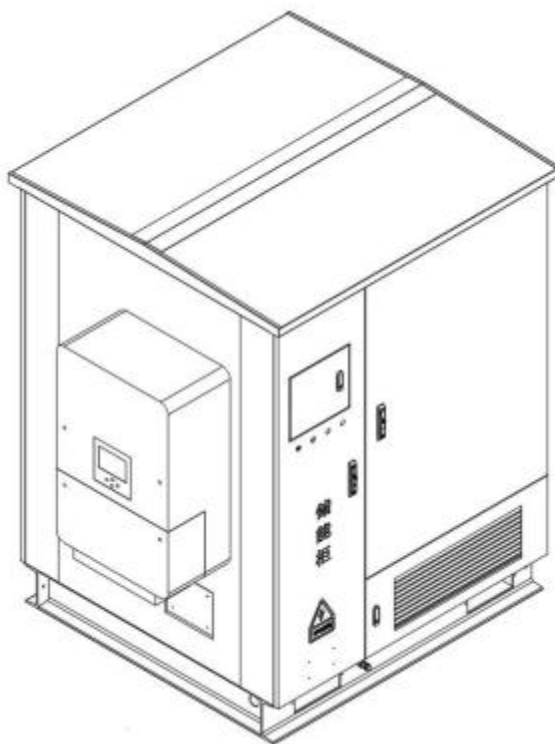
## 4 Structural Dimensions and Interface Definition

### 4.1 External dimensions: 1529 (width) \*1470 (depth) \*2040 (height)



front elevation

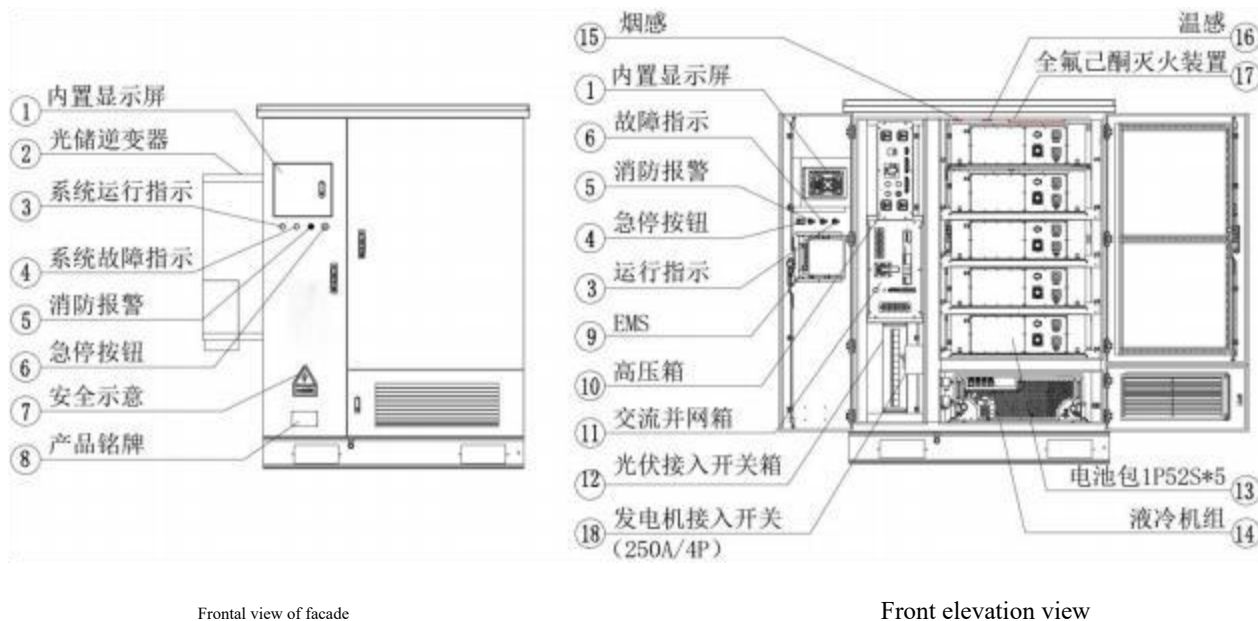
left view



axonometric  
drawing

## 4.2 Internal Parts Indication and Composition

### 4.2.1 System COMPONENT INDICATORS

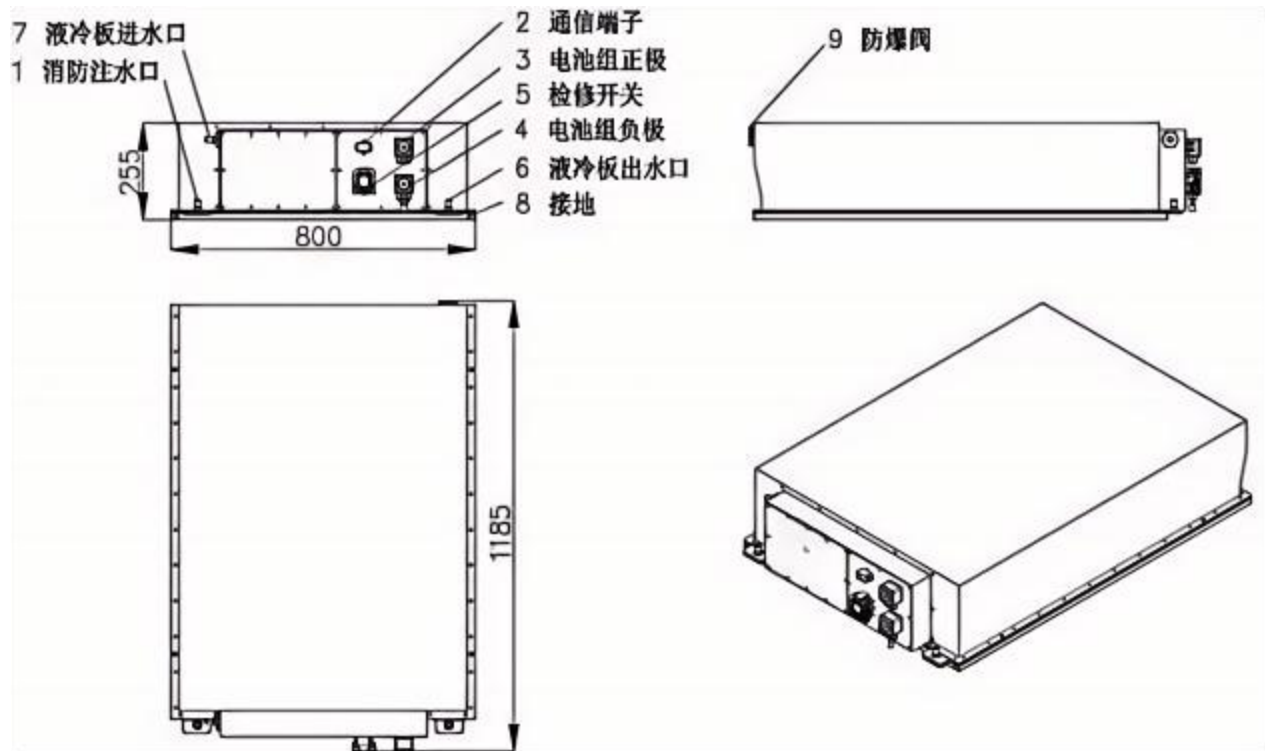


### 4.2.2 Internal composition

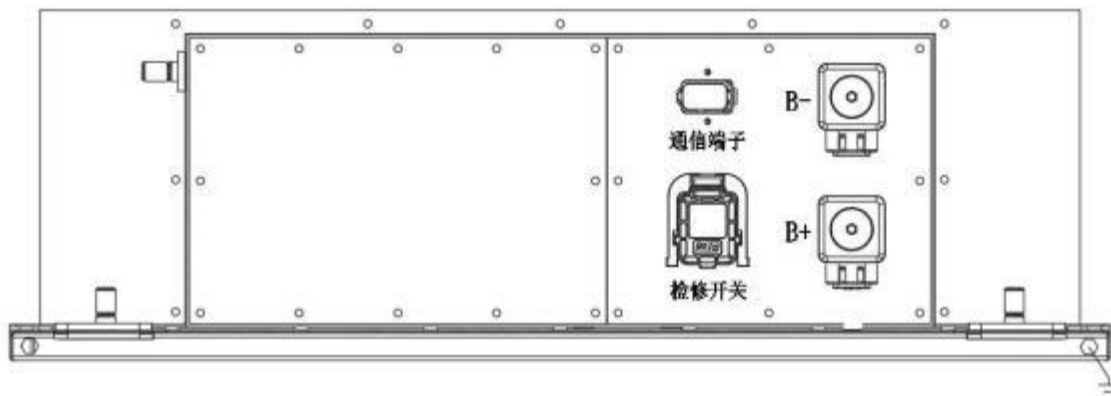
| Order number | Definition                                | Explain                                                     |
|--------------|-------------------------------------------|-------------------------------------------------------------|
| 1            | Built-in display                          | 7 Display battery data on the screen                        |
| 2            | Photovoltaic storage inverter             | 80kW                                                        |
| 3            | System run indication                     | Red                                                         |
| 4            | System fault indication                   | Yellow                                                      |
| 5            | Fire alarm                                | Buzzer                                                      |
| 6            | Scram button                              |                                                             |
| 7            | Safety alert                              |                                                             |
| 8            | Product nameplate                         |                                                             |
| 9            | EMS                                       |                                                             |
| 10           | High-voltage compartment                  | 1000V200A battery high-voltage control box                  |
| 11           | Communication and networking box          | 3P/250A                                                     |
| 12           | Photovoltaic power supply switch box      | 12 1000VDC 2P25A photovoltaic DC circuit breaker with input |
| 13           | Liquid cooling unit                       | 6kW, automatic fluid replacement                            |
| 14           | Battery pack                              | 5*1P52S (Cell capacity: 3.2V/314Ah)                         |
| 15           | Smoke detection                           |                                                             |
| 16           | Thalposis                                 |                                                             |
| 17           | Perfluorohexane fire extinguishing device | Hot start + electric start                                  |
| 18           | Generator access switch                   | 250A/4P                                                     |

## 4.3 Battery Module

### 4.3.1 Battery Module Size



### 4.3.2 Silk Screen Content for Battery Module



### 4.3.3 Battery Module Interface Definition

| Order number | Definition                                                                          | Explain                       | Remarks                           |
|--------------|-------------------------------------------------------------------------------------|-------------------------------|-----------------------------------|
| 1            | B+                                                                                  | Negative electrode of battery | Battery pack charge and discharge |
| 2            | B-                                                                                  | Battery cathode               | Battery pack charge and discharge |
| 3            | Communication and control terminal                                                  | Control and Communication     | Communication interface           |
| 4            |  | Ground screw                  | Battery grounding                 |

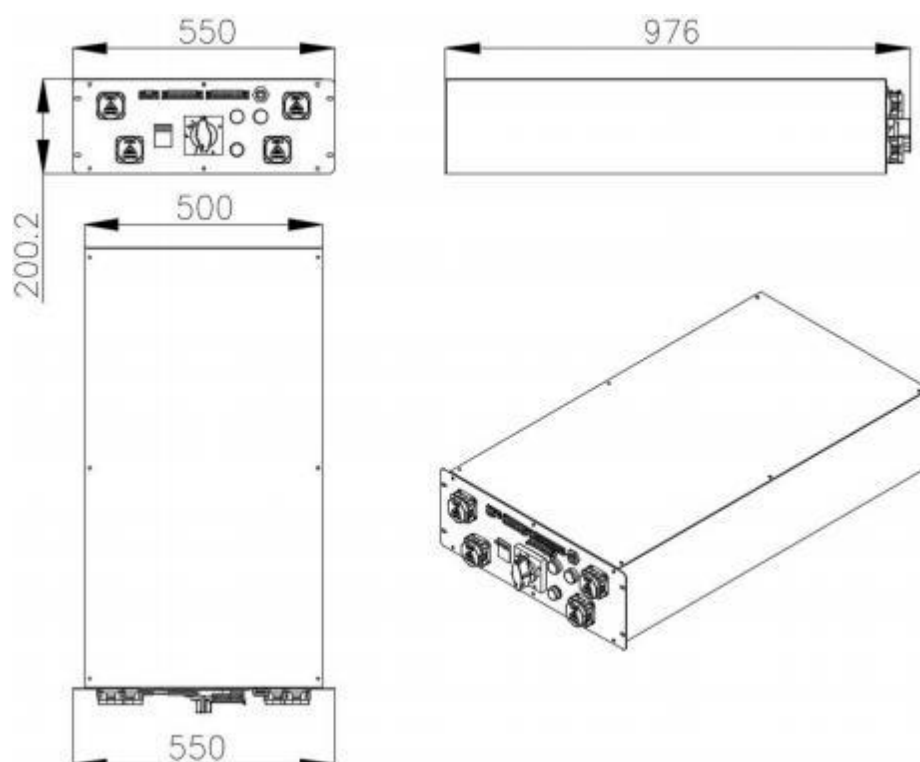
#### 4.3.4 Communication Terminal Description (C-AT04-12P)

| 1    | 2     | 3    | 4     | 5     | 6    | 7    | 8    | 9    | 10    | 11  | 12  |
|------|-------|------|-------|-------|------|------|------|------|-------|-----|-----|
| 24V+ | Empty | 24V- | Empty | Empty | CANH | CANL | ADDT | ADDR | Empty | DI1 | DI2 |

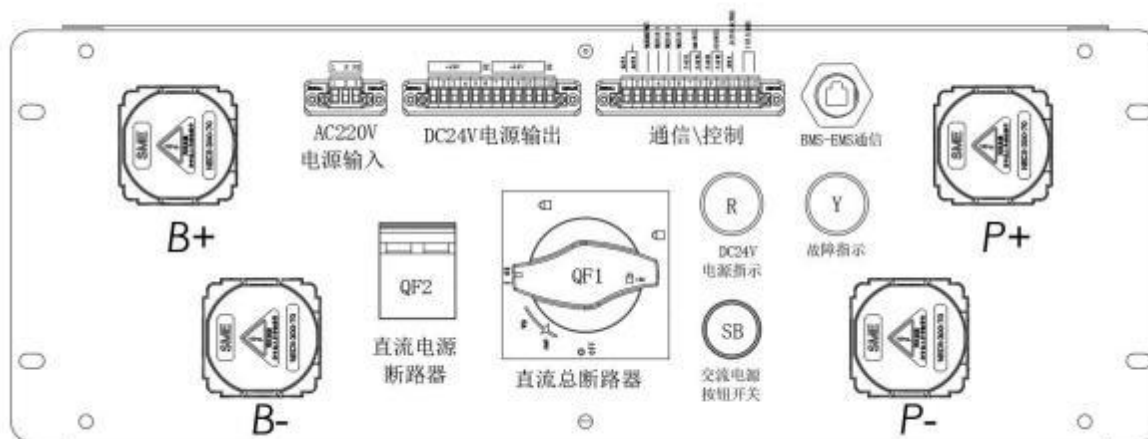
| Pin diagram                                                                       | Pin number | Pin definition | Explain                         | Remarks |
|-----------------------------------------------------------------------------------|------------|----------------|---------------------------------|---------|
|  | 1          | 24V+           | Control power supply            |         |
|                                                                                   | 2          | Empty          |                                 |         |
|                                                                                   | 3          | 24V-           | Control power supply            |         |
|                                                                                   | 4          | Empty          |                                 |         |
|                                                                                   | 5          | Empty          |                                 |         |
|                                                                                   | 6          | CANH           | Control communication           |         |
|                                                                                   | 7          | CANL           | Control communication           |         |
|                                                                                   | 8          | ADDT           | Address assignment              |         |
|                                                                                   | 9          | ADDR           | Address assignment              |         |
|                                                                                   | 10         | Empty          |                                 |         |
|                                                                                   | 11         | DI1            | Action feedback of gas adhesive |         |
|                                                                                   | 12         | DI2            | Action feedback of gas adhesive |         |

#### 4.4 High-Voltage Compartment

##### 4.4.1 High-Voltage Box Size



#### 4.4.2 High-Voltage Box Screen Printing Content

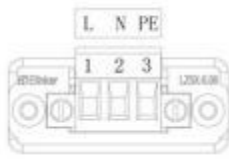


| Order number | Definition      | Explain                                                                  | Remarks                                              |
|--------------|-----------------|--------------------------------------------------------------------------|------------------------------------------------------|
| 1            | B-              | Total negative battery cluster                                           | Back battery cluster                                 |
| 2            | B+              | Battery pack total positive                                              | Back battery cluster                                 |
| 3            | P-              | PCS, Inverter Total Load                                                 | Connect to the PCS and the inverter.                 |
| 4            | P+              | PCS, Inverter Total Positive                                             | Connect to the PCS and the inverter.                 |
| 5            | 24V DC Output   | 24V DC output                                                            | EMS Power Supply and External Equipment Power Supply |
| 6            | Dry contacts    | Dry node signal interface                                                | /                                                    |
| 7            | From control in | Control communication to interface                                       | Battery box BMU communication                        |
| 8            | ON              | Turn the handle to "ON" to close the circuit breaker                     | /                                                    |
|              | OFF             | Turn the handle to the "OFF" position to disconnect the circuit breaker. | /                                                    |

#### 4.4.3 High Voltage Box Interface Definition

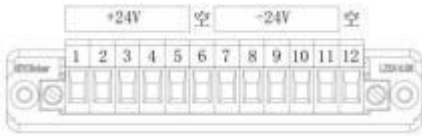
(1) Internal power terminal(plug model: 2EDGWC+KPM+KM-5.08-3P)

| 1 | 2 | 3  |
|---|---|----|
| L | N | PE |

| Pin diagram                                                                         | Pin number | Pin definition | Explain         | Remarks                  |
|-------------------------------------------------------------------------------------|------------|----------------|-----------------|--------------------------|
|  | 1          | L              | AC phase line   | Dual power supply module |
|                                                                                     | 2          | N              | AC neutral line |                          |
|                                                                                     | 3          | PE             | Landing         |                          |

(2) Internal power terminal (plug model: 2EDGWC+KPM+KM-5.08-12P)

| 1    | 2    | 3    | 4    | 5    | 6     | 7    | 8    | 9    | 10   | 11   | 12    |
|------|------|------|------|------|-------|------|------|------|------|------|-------|
| +24V | +24V | +24V | +24V | +24V | Empty | -24V | -24V | -24V | -24V | -24V | Empty |

| Pin diagram                                                                       | Pin number | Port definition | Explain            | Remarks  |
|-----------------------------------------------------------------------------------|------------|-----------------|--------------------|----------|
|  | 1          | +24V            | EMS control source | Not have |
|                                                                                   | 2          | +24V            | Reserve            |          |
|                                                                                   | 3          | +24V            | Reserve            |          |
|                                                                                   | 4          | +24V            | Reserve            |          |
|                                                                                   | 5          | +24V            | Reserve            |          |
|                                                                                   | 6          | Empty           |                    |          |
|                                                                                   | 7          | -24V            | EMS control source |          |
|                                                                                   | 8          | -24V            | Reserve            |          |
|                                                                                   | 9          | -24V            | Reserve            |          |
|                                                                                   | 10         | -24V            | Reserve            |          |
|                                                                                   | 11         | -24V            | Reserve            |          |
|                                                                                   | 12         | Empty           |                    |          |

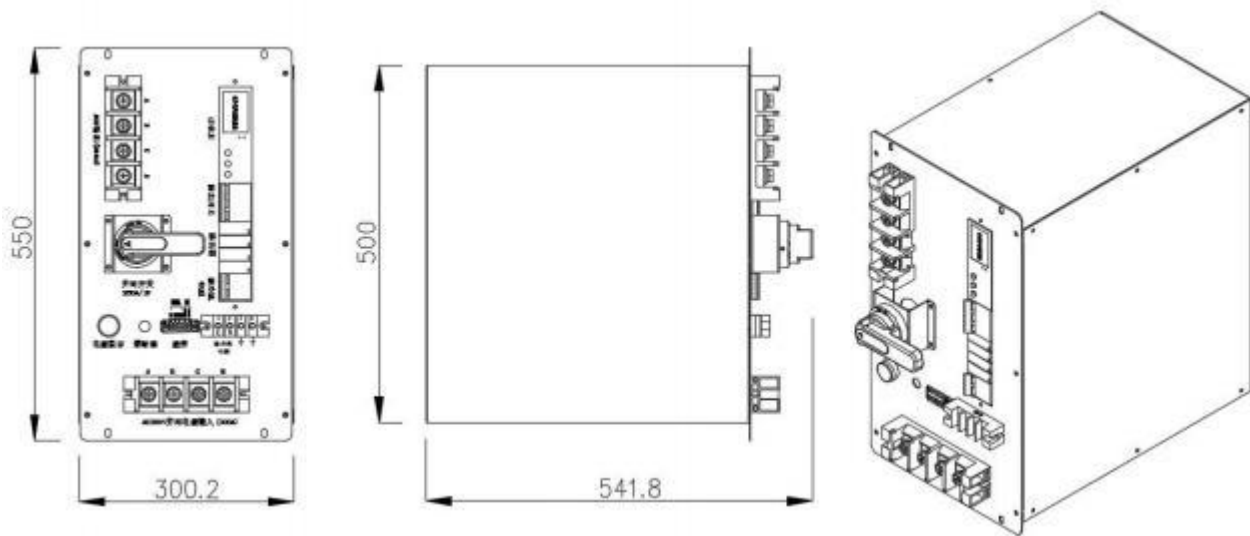
(3) Upper computer communication interface (plug model: 2EDGWC+KPM+KM-5.08-13P)

| 1    | 2    | 3        | 4        | 5        | 6        | 7     | 8     | 9     | 10    | 11   | 12          | 13          |
|------|------|----------|----------|----------|----------|-------|-------|-------|-------|------|-------------|-------------|
| 485A | 485B | Obligate | Obligate | Obligate | Obligate | CANL1 | CANH1 | CANL2 | CANH2 | ADDR | Dry contact | Dry contact |

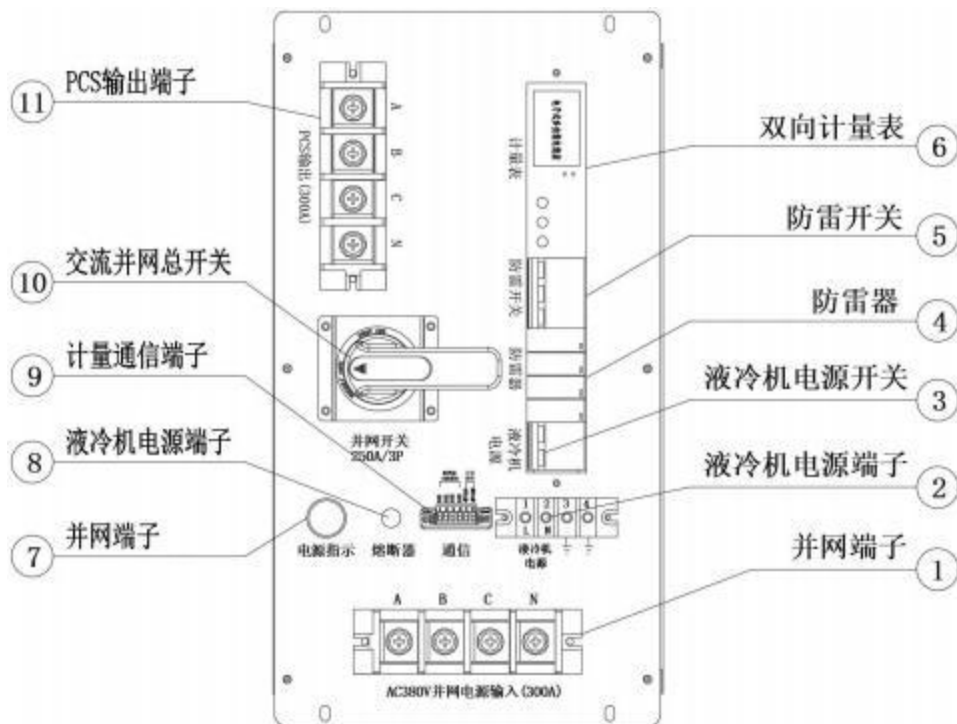
| Pin diagram                                                                         | Pin number | Port definition | Explain                    | Remarks              |
|-------------------------------------------------------------------------------------|------------|-----------------|----------------------------|----------------------|
|  | 1          | 485A            | EMS communication          |                      |
|                                                                                     | 2          | 485B            | EMS communication          |                      |
|                                                                                     | 3          | Obligate        |                            |                      |
|                                                                                     | 4          | Obligate        |                            |                      |
|                                                                                     | 5          | Obligate        |                            |                      |
|                                                                                     | 6          | Obligate        |                            |                      |
|                                                                                     | 7          | CANL1           | EMS communication          |                      |
|                                                                                     | 8          | CANH1           | EMS communication          |                      |
|                                                                                     | 9          | CANL2           | PCS communication          |                      |
|                                                                                     | 10         | CANH2           | PCS communication          |                      |
|                                                                                     | 11         | ADDR            | Control address assignment |                      |
|                                                                                     | 12         | Dry contact     |                            | Passive point output |
|                                                                                     | 13         | Dry contact     |                            |                      |

## 4.5 And the Network Box

### 4.5.1 And the Size of the Network Box



### 4.5.2 And Screen Printing Content



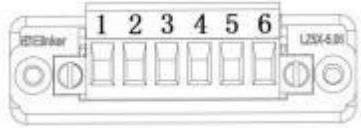
| Order number | Definition                            | Explain                                 | Remarks |
|--------------|---------------------------------------|-----------------------------------------|---------|
| 1            | Communication and networking terminal | Maximum current: 300A/AC                |         |
| 2            | Liquid-cooled power terminal          | Maximum current: 75A/AC                 |         |
| 3            | Liquid-cooled power switch            | AC220V/25A/2P                           |         |
| 4            | Surge protector                       | T2 (8/20us)                             |         |
| 5            | Lightning protection switch           | C40A/3P                                 |         |
| 6            | Measuring instrument                  | Two way measurement multifunction meter |         |
| 7            | Power supply indicators               | Grid side                               |         |
| 8            | Fuse                                  | 1A                                      |         |

| Order number | Definition               | Explain                                                                  | Remarks |
|--------------|--------------------------|--------------------------------------------------------------------------|---------|
| 9            | Communication terminal   | Metering communication                                                   |         |
| 10           | ON                       | Turn the handle to "ON" to close the circuit breaker.                    |         |
|              | OFF                      | Turn the handle to the "OFF" position to disconnect the circuit breaker. |         |
| 11           | PCS leading-out terminal | Maximum current: 300A/AC                                                 |         |

### 4.5.3 Network Box Interface Definition

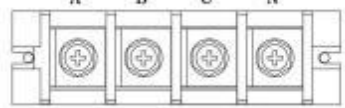
( 1 ) Internal communication and control (plug type: 2EDGWC+KPM+KM-5.08-6P)

| 1   | 2   | 3   | 4   | 5     | 6     |
|-----|-----|-----|-----|-------|-------|
| 101 | 101 | 103 | 103 | 4851A | 4851B |

| Pin diagram                                                                       | Pin number | Pin definition | Explain                       | Remarks        |
|-----------------------------------------------------------------------------------|------------|----------------|-------------------------------|----------------|
|  | 1          | 101            | Circuit breaker de-energizing | Reserved spots |
|                                                                                   | 2          | 101            | Circuit breaker de-energizing |                |
|                                                                                   | 3          | 103            | Circuit breaker de-energizing |                |
|                                                                                   | 4          | 103            | Circuit breaker de-energizing |                |
|                                                                                   | 5          | 4851A          | Metering communication        |                |
|                                                                                   | 6          | 4851B          | Metering communication        |                |

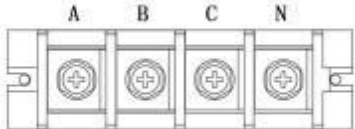
(2) External power supply terminal (grid-connected terminal, 300A/4P)

| 1 | 2 | 3 | 4 |  |  |
|---|---|---|---|--|--|
| A | B | C | N |  |  |

| Pin diagram                                                                                                    | Pin number | Pin definition      | Explain                  | Remarks |
|----------------------------------------------------------------------------------------------------------------|------------|---------------------|--------------------------|---------|
|  <p>AC380V并网电源输入 (300A)</p> | A          | Phase A power input | Electrified wire netting |         |
|                                                                                                                | B          | Phase B power input | Electrified wire netting |         |
|                                                                                                                | C          | C-phase power input | Electrified wire netting |         |
|                                                                                                                | N          | Neutral input       | Electrified wire netting |         |

(3) External power supply terminal (PCS output terminal, 300A/4P)

| 1 | 2 | 3 | 4 |  |  |
|---|---|---|---|--|--|
| A | B | C | N |  |  |

| Pin diagram                                                                                             | Pin number | Pin definition      | Explain                                  | Remarks |
|---------------------------------------------------------------------------------------------------------|------------|---------------------|------------------------------------------|---------|
|  <p>PCS输出 (300A)</p> | A          | Phase A power input | Connect to PCS AC outputs A, B, C, and N |         |
|                                                                                                         | B          | Phase B power input |                                          |         |
|                                                                                                         | C          | C-phase power input |                                          |         |
|                                                                                                         | N          | Neutral input       |                                          |         |



## 5 Startup & Shutdown

### 5.1 Starting Up

Step 1: Check the wiring between the battery and external devices to ensure the correct polarity (positive/negative).

Step 2: Set the handle of the main circuit breaker QF1 in the high-voltage enclosure to the "ON" position.

Step 3: Press the green switch button SB on the high-voltage box to power the dual power supply module.

Step 4: Re-engage the DC circuit breaker QF2 (to power the dual power supply mode).

### 5.2 Shut Down

Step 1: Press the green switch button SB on the high-voltage box (to disconnect the dual power module supply).

Step 2: Re-close the DC circuit breaker QF2 (to disconnect the dual power supply mode).

Step 3: Then disconnect the high-voltage box circuit breaker QF1 handle to "OFF".

## 6 Factory Capacity

Unless customers have special requirements, the battery pack's factory capacity ranges from 30% to 50% of its rated capacity.

## 7 Lay In

- (1) Storage time: 1 week, storage environment temperature:  $-20^{\circ}\text{C}\sim 50^{\circ}\text{C}$ , relative humidity: 45%~85%;
- (2) Storage time: 1 month, storage environment temperature:  $-20^{\circ}\text{C}\sim 45^{\circ}\text{C}$ , relative humidity: 45%~85%;
- (3) The storage time was 6 months, the storage environment temperature was  $-20^{\circ}\text{C}\sim 40^{\circ}\text{C}$ , the relative humidity was 45%~85%.

The battery pack is typically stored at a state of charge (SOC) of 40% to 50% in a clean, dry, and well-ventilated room with an ambient temperature ranging from  $-5^{\circ}\text{C}$  to  $35^{\circ}\text{C}$  and relative humidity not exceeding 75%. Contact with corrosive substances should be avoided, and the battery must be kept away from ignition sources and heat. From the date of manufacture, the battery should be recharged every 6 months, with a recommended storage temperature of  $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$ .

## 8 Service Condition

Batteries should only be used under the following conditions, as their performance may be reduced or their service life shortened otherwise. Use of batteries outside this temperature range may cause overheating, explosion, or fire.

- (1) Charging:  $0^{\circ}\text{C}\sim 45^{\circ}\text{C}$ , relative humidity 45%~85%;
- (2) Discharge:  $-10^{\circ}\text{C}\sim 55^{\circ}\text{C}$ , relative humidity 45%~85%;
- (3) The average daily relative humidity is not more than 80%, and the average monthly relative humidity is not more than 80%.
- (4) The installation and use location should not have strong vibration and impact, and should not have strong electromagnetic interference. The induced intensity of external magnetic field should not exceed 0.5 mT.
- (5) The vertical tilt angle should not exceed 5%.
- (6) The usage location must not contain explosive hazardous media, and the surrounding medium must not contain corrosive metals, harmful gases that damage insulation, or conductive media. The presence of mold is strictly prohibited.

## 9 Quality Guarantee Period

The Warranty Period for the Battery Is Subject to the Contract. The Company Undertakes to Be Responsible for Any Quality Issues With the Battery Itself During the Warranty Period.

Replacement or repair is not provided for issues caused by user misuse.



## 10 Usage Notes

Read the following precautions carefully to ensure the correct use of lithium iron phosphate ion batteries. My company shall not be liable for any problems arising from violations of the following precautions.

### 10.1 Hazardous Matters

Failure to read the following carefully may result in battery leakage, explosion or fire.

- (1) Do not put batteries in water or wet them;
- (2) Do not use or store batteries near heat sources (e.g. fire or heater);
- (3) Do not reverse the polarity of the positive and negative terminals.
- (4) Do not connect the battery directly to a wall outlet or a cigarette lighter socket in a vehicle;
- (5) Do not put batteries in fire or heat batteries;
- (6) Do not use wires or other metal objects to short-circuit the positive and negative terminals of the battery. Do not transport or store the battery with necklaces, hair clips, or other metal objects.
- (7) Do not impact, throw, or subject the battery to mechanical vibration.
- (8) Do not pierce the battery case with nails or other sharp objects, and do not hammer or step on the battery.
- (9) Do not disassemble batteries in any way;
- (10) Charging the battery is prohibited in the presence of fire or extreme heat.

### 10.2 Warn

Failure to read the following carefully may result in battery leakage, explosion or fire.

- (1) Batteries must not be placed in a microwave oven or pressure vessel.
- (2) Do not use with primary batteries (e.g., dry batteries) or mix batteries of different capacities, models, or types.
- (3) Do not use the battery if it emits an odor, heats up, deforms, changes color, or exhibits any other abnormal phenomena; if the battery is in use or charging, immediately remove it from the electrical appliance or charging device and stop using it;
- (4) Batteries should be kept out of reach of minors;
- (5) If the battery leaks or emits an odor, immediately move it away from open flames, as the leaking electrolyte may cause fire or explosion;
- (6) If the electrolyte from a leaking battery enters the eyes, do not rub it out; instead, rinse with water and seek immediate medical assistance. Failure to address the situation promptly may cause ocular injury.

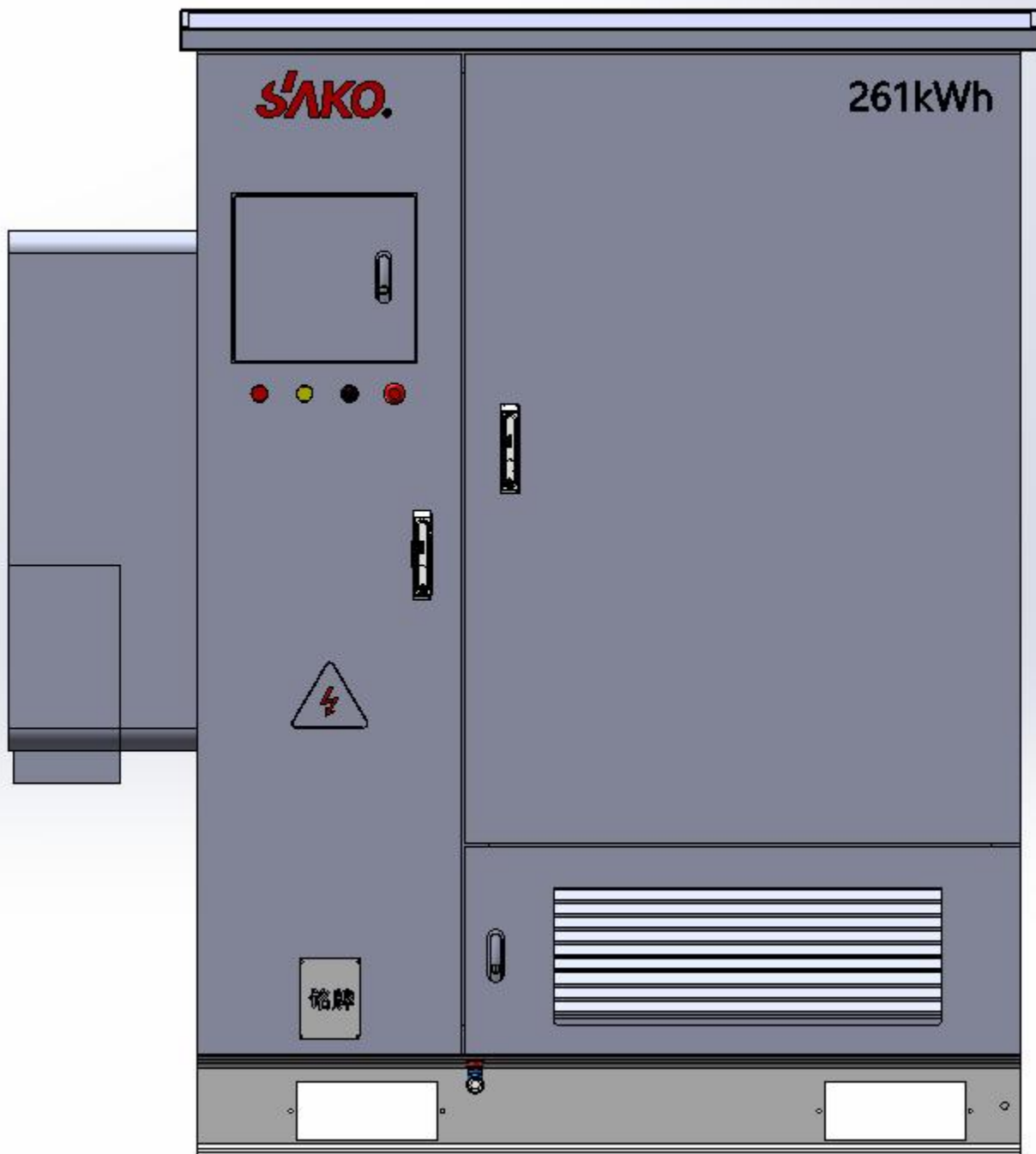
### 10.3 Other Considerations

Please refer to the battery installation manual to properly install and remove the battery.

Use the lithium battery pack strictly according to the instructions. If leakage is observed and the liquid adheres to the skin or clothing, immediately wash the affected area with running water to prevent potential skin inflammation.

If the terminals of the battery pack are contaminated or rusted, wipe them clean with a dry cloth before use. Otherwise, the battery pack may experience poor contact, leading to energy loss or failure to charge.

Impression drawing :



Data plate :

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SAKO

Energy Storage System

Product Model:SK-LFP261kWh  
Product name:LiFePO4 Battery  
Battery rated capacity:261kWh  
Battery rated voltage:832V  
Nominal Capacity:314Ah  
Cell type: lithium iron phosphate  
Operating voltage range: 702-936V  
Maximum charging voltage: 936V  
Maximum charging current: 157A  
Maximum discharge current: 157A  
Suggested discharge termination voltage: 702V  
Operating temperature:-20℃to+60℃  
Dimensions (W\*D\*H):1530\*1470\*2040mm  
Product weight:≈2500kg  
Number:SK25.11.03.01  
production date:2025.11.03

SHENZHEN SAKO SOLAR CO. , LTD

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