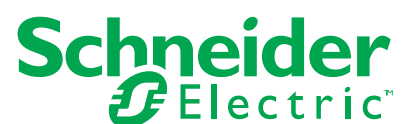
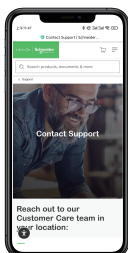




BAT215KPCS100K3EU1

BAT215KPCS100K3EU2

Customer Care Center



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## Legal Information

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## Contact Information

For country-specific details, please contact your local Schneider Electric Sales Representative or visit the Schneider Electric website at: <https://www.se.com/>

## Information About Your System

As soon as you open your product, inspect the contents and record the following information and be sure to keep your proof of purchase. If any damage is found, contact customer support.

Serial Number _____	Purchased From _____
Product Number _____	Purchase Date _____
Document Number: TME91311021EN	Date: December 2025
Revision: V1.5	

## Information on Non-Inclusive or Insensitive Terminology

As a responsible, inclusive company, Schneider Electric is constantly updating its communications and products that contain non-inclusive or insensitive terminology. However, despite these efforts, our content may still contain terms that are deemed inappropriate by some customers.

## Validity Note

This document is valid only for the Schneider Boost Pro.

If this manual is in any language other than English, although steps have been taken to maintain the accuracy of the translation, the accuracy cannot be guaranteed. Approved content is contained with the English language version which is posted at <https://www.se.com/>.

The characteristics of the products described in this document match the characteristics that are available on <https://www.se.com/>. As a part of our corporate strategy for constant improvement, we may revise the content over time to enhance clarity and accuracy. If you see a difference between the characteristics in this document and the characteristics on <https://www.se.com/>, consider <https://www.se.com/> to contain the latest information.

## Document Description

### Product Series Manuals Include:






- It is recommended to use the following related documents together to help the installation, commissioning, and operations of Schneider Boost Pro.
- Do a search for the documents linked to the product Schneider Boost Pro with below reference on [www.se.com/docs](http://www.se.com/docs).

1	TME91311021EN > Schneider Boost Pro Installation and User Guide
2	TME92883021EN > EcoStruxure Energy Asset Controller User Guide
3	TME92883026EN > EcoStruxure Energy Asset Controller Modbus Protocol
4	SDSBOOSTPRO01EN > Schneider Boost Pro Safety Data Sheet
5	SDSEEC01EN > EcoStruxure Energy Asset Controller Safety Data Sheet

# Safety Information

## Important Information

Read these instructions carefully and look at the equipment to become familiar with the device before trying to install, operate, service or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

	The addition of either symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
	Hot surface.
	Protective Earth (grounding) conductor terminal.
	Refer to the Installation or Operation instructions.

### ⚠ DANGER

**DANGER** indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

### ⚠ WARNING

**WARNING** indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

### ⚠ CAUTION

**CAUTION** indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

### NOTICE

**NOTICE** is used to address practices not related to physical injury.

## Audience

Schneider boost pro user guide is for owner to understand product. For installation & operation contents, this manual is for use by qualified personnel installing and operating a system about Schneider Boost Pro.

**The qualified personnel have training, knowledge, and experience in:**

- Installing electrical equipment.
- Applying all applicable Schneider Boost Pro Wiring codes.
- Analyzing and reducing the factors involved in performing electrical work.
- Installing and configuring inverters and Li-Ion batteries.
- Selecting and using Personal Protective Equipment (PPE).

Qualified personnel have also received specific training from the manufacturer on installing and operating the Schneider Boost Pro.

## About Scope

- Schneider Boost Pro is engineered for robust energy management. Its core configuration integrates a bidirectional inverter (PCS) for power conversion, a lithium-ion battery system for energy storage, along with a Battery Management System (BMS) and a Control & Communication Unit (CCU) for comprehensive control. In standard operation, the system offers a rated capacity of 215 kWh and an AC power rating of 100 kW, enabling system functions such as time of use (ToU), peak shaving, etc for asset owners.
- This document is the user guide of Schneider Boost Pro (hereinafter referred to as "product", "equipment" or "energy storage system"), which includes product introduction, specifications, parameters, standards and functions.
- This document also covers the installation and basic operations of Schneider Boost Pro.
- Schneider Boost Pro has two versions, which are differentiated in commercial reference of.

Schneider Boost Pro Commercial Reference	Description
BAT215KPCS100K3EU1	100KW/200kWh
BAT215KPCS100K3EU2	100KW/215kWh

- This document can be used as user guide for both Schneider Boost Pro versions
    - In general, all illustrations and operational examples in this document are representing the BAT215KPCS100K3EU1.
    - For elements (data, parameters, diagrams, etc) marked with \*, or with special remarks, it will represent BAT215KPCS100K3EU2.
  - To ensure optimal performance and longevity, Schneider Boost Pro requires regular and proper maintenance.
    - For more maintenance related information, refer to document TME91311024EN > Schneider Boost Pro Maintenance Guide
    - The maintenance work is categorized in below three different levels
    - Maintenance level-1: Owner-Performed regular inspections. Product owners can and should perform periodic inspections of the product's operational status. These inspections must be carried out under the specific conditions and limitations outlined in Appendix 2.
    - Maintenance level-2: Professional maintenance, which should be conducted strictly in accordance with Schneider Boost Pro maintenance guide. It is recommended to contact the dedicated after-sales service team.
    - Maintenance level-3: Replacement and repair work, which should be conducted strictly in accordance with Schneider Boost Pro maintenance guide. It is recommended to contact the dedicated after-sales service team.
-

# Terms and Abbreviations

Abbreviations and Acronyms	
<b>AC</b>	Alternating Current
<b>BMS</b>	Battery Management System
<b>CAN</b>	Controller Area Network
<b>DC</b>	Direct Current
<b>GND</b>	Ground (see also, PE)
<b>IP</b>	Internet Protocol or Ingress Protection
<b>LAN</b>	Local Area Network
<b>LED</b>	Light Emitting Diode
<b>LFP</b>	Lithium Ion Phosphate Battery
<b>PCS</b>	Power Conversion System
<b>PE</b>	Protective Earth (ground)
<b>PPE</b>	Personal Protective Equipment
<b>SOC</b>	State of Charge
<b>W</b>	Watt

---

Before installing, commission, or operating the Schneider Boost, read all instructions and cautionary markings on the unit, and in this document.

## 1.1 General Safety

### ▲ DANGER

#### HAZARD OF ELECTRICAL SHOCK, EXPLOSION OR ARC FLASH

- Do not wear watches, bracelets, bangles, rings, necklaces and other easily conductive objects during installation, operation and maintenance to avoid being burned by electric shock.
- Special protective equipment must be used during installation, operation and maintenance; this should include insulated gloves, protective goggles, protective clothing, protective helmets and protective footwear.
- Installation, operation and maintenance must be carried out in accordance with the step-by-step sequence of the instructions.
- The voltage at the contact point should be measured before touching any conductor surface or terminal to confirm that there is no risk of electric shock.
- To be replaced by: Do not remove the protective devices.
- Live operation is not allowed during the installation process.
- Do not wash any electrical components located inside and outside the cabinet with water.
- Do not power on the equipment before completing the installation or having it confirmed by a professional.

**Failure to follow these instructions will result in death or serious injury.**

### ▲ WARNING

#### RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE

- During the operation of the equipment, if any faults that may lead to personal injury or equipment damage are found, the operation must be stopped immediately, the project director informed, and effective protective measures taken.
- Before using any tools, please be aware of the correct way of using them.
- Before powering up the installation and after installing the equipment, any flammable materials such as cartons, foam, plastic and cable ties should be removed from the equipment area.
- In the event of a fire, evacuate the building or equipment area and press the fire alarm bell, or dial the fire reporting emergency number. Do not re-enter a burning building under any circumstances.
- Do not install, use and operate outdoor equipment and cables (including but not limited to carrying equipment, operating equipment and cables, plugging and unplugging signal interfaces connected to the outdoor area, working at heights, outdoor installation) under severe weather conditions such as thunder and lightning, rain, snow, or gusts of wind higher than grade six.
- Do not ignore warnings, cautions and notes described in manuals and on equipment.
- Replace hazard symbols that have become unclear due to long-term use immediately.
- Keep people other than those operating the equipment away from the equipment.
- All wiring holes need to be sealed, and fireproof putty should be used to seal the wiring holes.
- Do not artificially alter, damage or obscure the logo and nameplate on the equipment.
- When installing the equipment, use a torque wrench with the appropriate range and tighten the screws according to the torque value given in the instructions.
- Before operation, the equipment should be securely fixed to the floor or other stable object.
- Do not change the structure and installation sequence of the equipment without authorization.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

### ▲ CAUTION

#### HAZARD OF BURNS AND MECHANICAL INJURY

- Before the fan is powered off and stops running, do not touch the running fan with fingers, components, screws, tools, or veneer, in order to avoid injury to hands or damage to the equipment.
- Do not touch the equipment when it is in operation.

**Failure to follow these instructions can result in injury, burning or equipment damage.**

#### Statement:

- When installing, operating and maintaining the equipment, please read this manual first, and follow all labels on the equipment as well as all safety precautions described in the manual.
- The "Notice", "Caution", "Warning" and "Danger" items as highlighted in the manual do not represent all safety items needing to be observed, but are supplements to the overall safety precautions. The company shall not assume any responsibility caused by violation of general safety operation requirements or violation of safety standards in the design, production and use of the equipment.
- This equipment must be used in an environment that meets the design specifications. Otherwise it may cause equipment failure, resulting in functional abnormalities or component damage, personal safety accidents, property damage, etc., which are not within the scope of the equipment warranty.
- Local laws, regulations and codes should be observed when installing, operating and maintaining the equipment.
- The safety notices described in the manual are only a supplement to local laws, regulations and standards.

#### We are not liable for any of the following situations:

- The equipment has not been operated in line with the conditions of use described in this manual.
- The installation and/or operating environment exceeds the regulations described in the relevant international or national standards.
- The user disassembles or changes the product, or modifies the software without authorization.
- The user did not follow the operating instructions and safety warnings as described in the documentation.
- Damage to equipment caused by abnormal natural circumstances (force majeure: e.g. earthquake, fire, windstorm).
- Transport damage caused by customer transportation.
- Damage caused by storage conditions that do not meet the requirements of the product document.

## 1.2 Personnel Precautions

**▲ WARNING****RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- The personnel responsible for the installation and maintenance of the equipment must first receive proper training to understand the required notices and to master the correct operating techniques.
- Only qualified professionals or trained personnel are allowed to install, operate and maintain the equipment.
- Only qualified professionals are allowed to remove notices and service the equipment.
- All personnel who operate the equipment, including operators, trained personnel and professionals, should hold the requisite operating qualifications required by the local country, such as those engaged in HV operation, working at height, and other special equipment qualifications.
- The equipment itself, as well as any of its parts (including software) can only be replaced by qualified or authorized personnel.
- Personnel who have experience in training or operating the equipment, and are aware of potential sources and levels of danger in the process of equipment installation, operation, and maintenance.
- Trained personnel: Personnel who have received the requisite technical training and have the necessary experience, are aware of the possible dangers when performing an operation, and can take measures to minimize danger to themselves and others.
- Operators: All operators who may come into contact with the equipment, other than trained personnel and professionals.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

## 1.3 Electrical Precautions

**▲ DANGER****HAZARD OF ELECTRICAL SHOCK, EXPLOSION OR ARC FLASH**

- Do not install or remove power cables while they live. The moment the power cable comes into contact with a conductor, an arc or spark can be produced, which may result in fire or personal injury.
- Incorrect operation may cause unexpected accidents such as fire or electric shock.
- Do not push the cable directly from the vehicle or perform other incorrect operations.
- Do not clean any electrical parts inside or outside the device using water, alcohol, oil, or similar liquids.
- The equipment should be permanently connected to the protective grounding conductor.
- Before operating the equipment, first check its electrical connections to ensure that it is reliably grounded.
- Before installing or removing the power cable, the power switch must be turned off.
- Before connecting the power cable, please ensure that the power cable label is correctly marked before the connection is made.
- Damaged parts must be replaced by a professional.
- If liquid enters the device, immediately turn off the power. Do not use the device any further.
- When installing equipment that requires grounding, the protective ground wire must be installed first; When removing the equipment, the protective ground wire must be removed last.
- Do not damage the grounding conductor.
- Do not operate the equipment without a grounding conductor installed.
- The equipment should be permanently connected to the protective grounding conductor.
- Before operating the equipment, first check its electrical connections to ensure that it is reliably grounded.
- Do not touch components with bare hands.
- Wear antistatic gloves before touching electron component or circuit board.

**Failure to follow these instructions will result in death or serious injury.**

**▲ WARNING****HAZARD OF FIRE OR EQUIPMENT DAMAGE**

- Flame-retardant cable with a flame-retardant grade complying with local laws and regulations should be used.
- Cables of the same type should be bundled together, while cables of different types should be laid separately, and must not be intertwined or crossed.
- Cables used in the energy storage system must be securely connected, properly insulated and sized.
- Ensure all connections are secure, properly insulated, and correctly sized.
- Cables must not pass through the air inlets and air outlets of the equipment.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGE**

- In lower temperature environments, severe shock and vibration may cause the plastic sheath of the cable to become brittle and cracked. To ensure the requirements of the installation site, the following requirements should be met:
  - All cables should be laid and installed at a temperature above 0°C. When handling cables, especially when working in a low-temperature environment, they should be handled with care.
  - If the cable is being stored in an environment below 0°C, it should first be stored at room temperature for at least 24h before laying.
- The selection, installation, and routing of cables should comply with local laws, regulations and specifications.

**Failure to follow these instructions can result in equipment damage.**

## 1.4 Precautions for Environment

**▲ WARNING****HAZARD OF ELECTRIC SHOCK, EXPLOSION, ARC FLASH, AND FIRE**

- When the equipment is running, do not cover the vent or cooling system, as this may lead to a high temperature fire.
- The equipment should be installed in an area away from liquids, and should not be installed under any water pipes or air outlet containing condensed water; The equipment should not be installed underneath places prone to water leakage, such as A/C outlets, vents, and outlet windows in the equipment room, in order to prevent liquid from entering the equipment and causing equipment failure or short circuit.
- If liquid enters the equipment, turn off the power immediately and notify the site manager.
- Do not place the equipment in an environment containing flammable or explosive gases or smoke, and do not perform any operation in such an environment.
- Energy storage system installed in environments with a high salt content will become corroded and may cause fire. Do not install the energy storage system outdoors in a salty environment. A salty environment refers to any area within 2km of the coast or affected by onshore winds. Areas affected by onshore wind will vary depending on the particular weather conditions (such as typhoon, monsoon) or terrain (dikes, hills).
- Do not install the equipment in a high-humidity environment. (Requirements for humidity: 5-95%, no condensation).

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

## 1.5 Transport Precautions

**NOTICE****RISK OF EQUIPMENT DAMAGE**

- Loading vehicles should meet the following requirement: the weight of a single energy storage system is about 3t.
- Road speed limit suggestion: Flat road speed limit: 80km/h, rough road speed limit: 40km/h.
- Stacking requirements during port and ship transportation: the energy storage system should not be stacked. For container transportation, follow the container-based load restrictions and relevant national transportation standards.
- The shipping packing box must be secure. The outside of the container should comply with the national standards and should feature warning labels such as "Handle with care", "This way up", "Electrical hazard", and "Keep away from moisture". Since they are affected by external environmental influences (e.g. temperature, transport, storage), the following situations should be avoided during transportation:
  - Direct rain, snow or falling into water
  - Drop or mechanical shock
  - Inversion or tilting

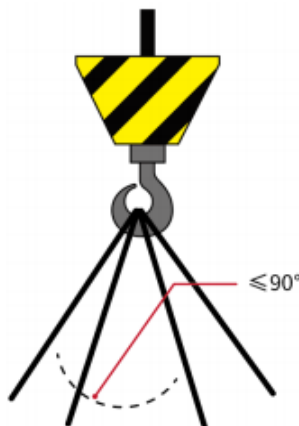
**Failure to follow these instructions can result in equipment damage.**

## 1.6 Hoisting Precautions

**▲ WARNING****HAZARD OF INJURY FROM FALLING LOADS DURING HOISTING OPERATIONS**

- When hoisting heavy objects, do not walk under the suspension arm or the objects being hoisted. No one is allowed to enter within 5m around the equipment.
- Hoisting tools should be inspected and can only be used when they are fully functional.
- Before hoisting, ensure that the hoisting tool is securely fixed to the load-bearing fixture or wall.
- The safe hoisting or carrying capacity calibrated by the equipment should be greater than 1.5 times the weight of the energy storage equipment.
- Hoisting or transportation should only be carried out after the operating has been confirmed by testing.
- Before hoisting or carrying, confirm the reliability and integrity of all auxiliary parts such as steel cable, sling, lifting hook (the lifting hook should have an anti-decoupling mechanism) and retrieval fork.
- During hoisting, ensure that the angle between the two cables is no greater than 90°.
- When hoisting, do not drag the wire rope or the spreader, and do not hit the equipment with hard objects.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**



## 1.7 Mechanical Precautions

**▲ WARNING****HAZARD OF CRUSHING, FALLS FROM HEIGHT**

- When carrying heavy objects, be prepared to bear the weight to avoid being crushed or injured.
- When handling the equipment by hand, wear protective gloves.
- Avoid scratching the surface of the equipment or damaging components and cables when handling.
- When using a forklift, the fork must be in the middle position to prevent overturning.
- Before moving, fasten the equipment to the forklift with ropes. When moving, arrange for qualified technicians to take care of the equipment.
- Move the equipment carefully to avoid any damage caused by impact or dropping.
- Use a wooden ladder or fiberglass ladder when operating electric machinery at height.
- When using a step ladder, the rope must be firm, and a second person must help hold the ladder steady during operation.
- Before using the ladder, confirm that it is intact, and that its load capacity meets the requirements.
- Do not overload the ladder.
- Ladder should be placed in a stable place. The inclination of the ladder should ideally be around 75°, which can be measured with a set square, Use a ladder with wide feet pointing down, or take protective measures at the bottom of the ladder to prevent slipping.
- When climbing ladders, pay attention to the following:
  - Keep your body steady.
  - The maximum height at which a worker can stand on their feet should not exceed the fourth step of the ladder.
  - Ensure that your center of gravity stays on the edge of the ladder frame.
- Working at heights over 2m above the ground is classified as working at height.
- All personnel must receive proper training and obtain the relevant certificates before they can work at height.
- Before working at height, check the climbing tools and appliances carefully; this should include helmet, belt, ladder, springboard, scaffolding, and lifting equipment. If they do not meet the requirements, the necessary improvements must be made immediately, otherwise the operator should refuse to work at height.
- Protective fences and signs should be set up at the edges and holes of high-altitude sites to prevent the risk of slipping or stepping out into air.
- Scaffolding, springboards or other debris should not be piled on the ground below the elevated work area. Ground personnel should not stay or pass directly under the elevated area.

**Failure to follow these instructions will result in death or serious injury.**

**▲ CAUTION****HAZARD OF INJURY DUE TO NON-COMPLIANT ELEVATED WORK PRACTICES**

- In case of the above situations, the director and on-site technician should check all operating equipment and obtain approval before using them
- All work at heights must comply with local regulations for working at height.
- When working at height, draw out dangerous restricted areas on site and set up obvious signs. Personnel not directly involved with the work should not be allowed to enter the site.
- Carry operating equipment and tools in the proper manner
- Personnel working at height should not throw objects down to the ground, and objects should not be thrown from the ground to people working at height. Use strong cables, hanging baskets, elevated vehicles or cranes to transport objects.
- If the person in charge of the site or the officer find that any construction personnel working at height is not following regulations, they should immediately ask the construction personnel to make the necessary corrections. Otherwise, their activities must be stopped.

**Failure to follow these instructions can result in injury or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGE**

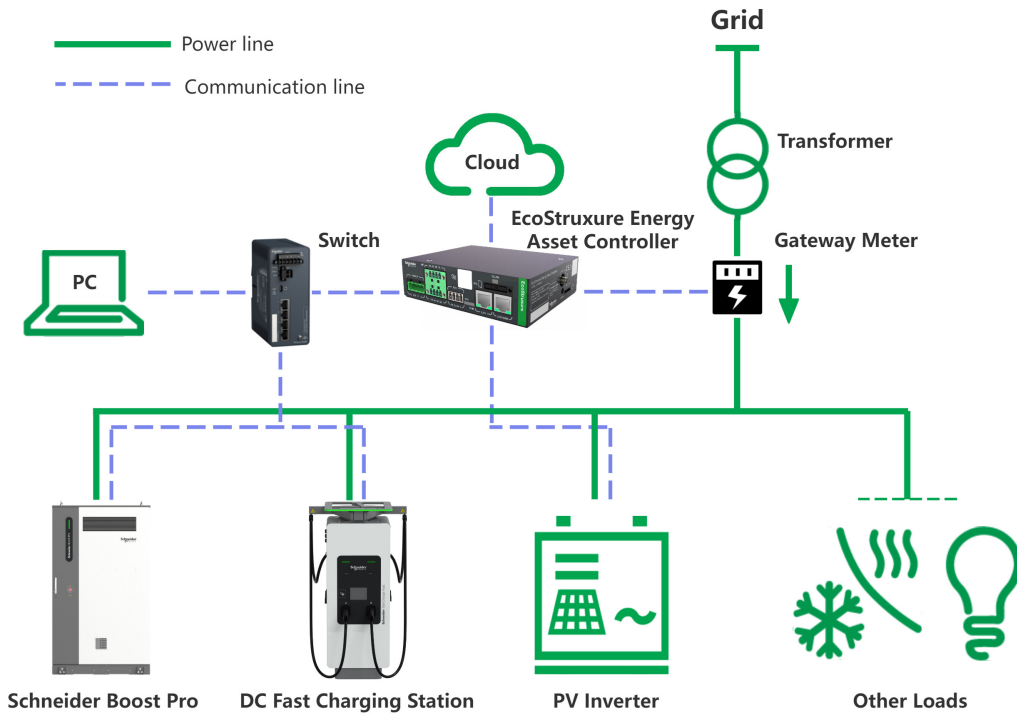
- Obtain approval from the customer before drilling.
- Wear protective goggles and protective gloves when drilling.
- Cover the equipment during drilling to prevent debris from falling into the equipment. Clean and remove any waste and debris after drilling is complete.

**Failure to follow these instructions can result in equipment damage.**

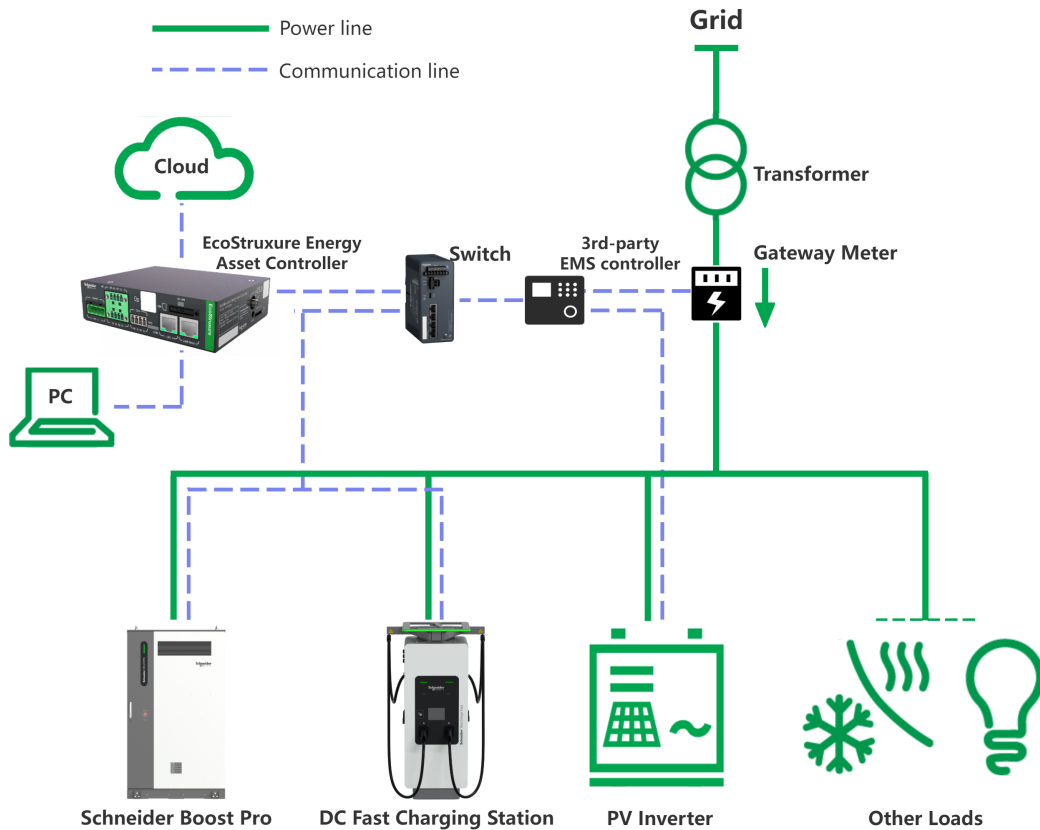
### 2.1 System Connection Diagram

■ Schneider Boost Pro is primarily designed for commercial and industrial (C&I) applications. Schematic diagrams of a typical system configuration are shown below.

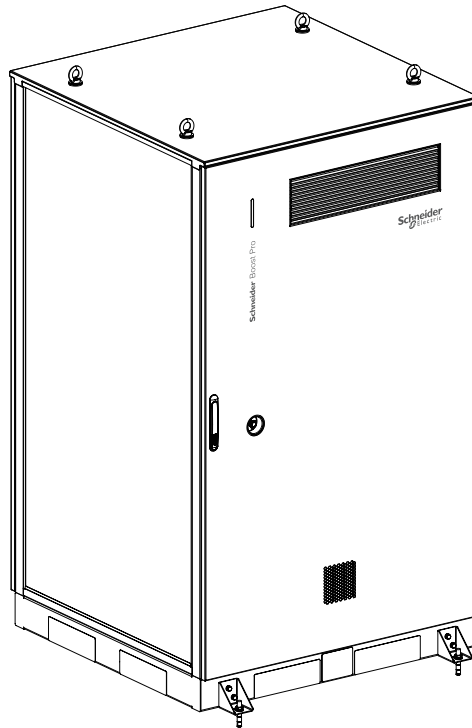
#### Scenario 1: Storage + PV + EV With Local EMS



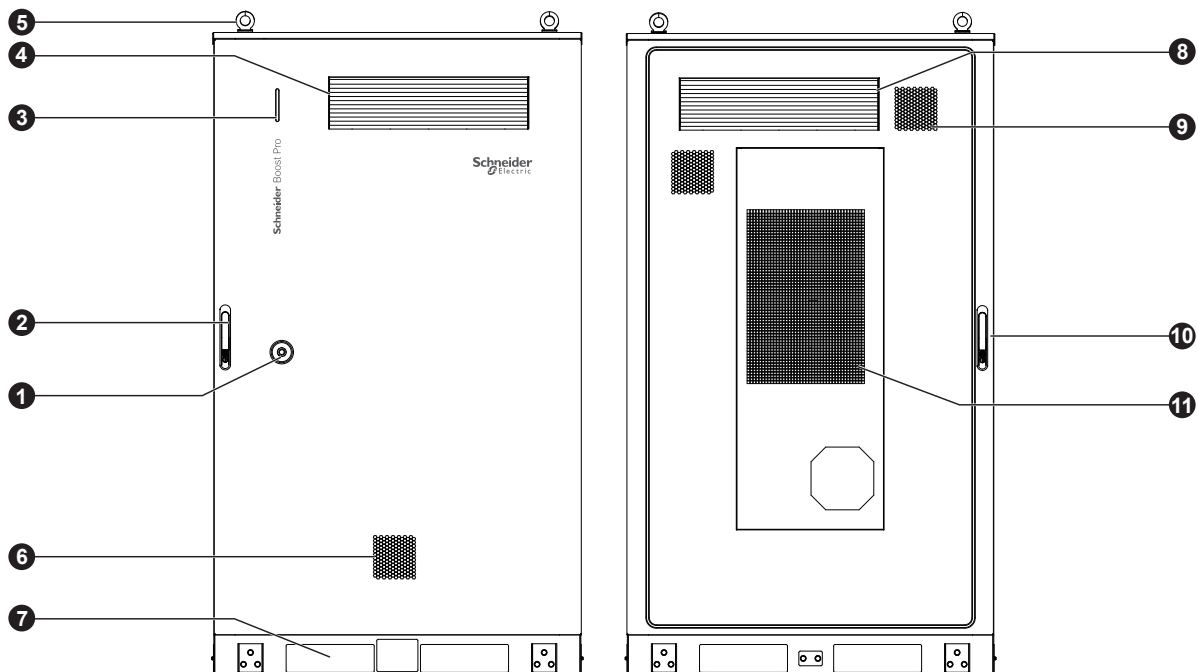
#### Scenario 2: Storage + PV + EV With 3rd party EMS



## 2.2 Appearance

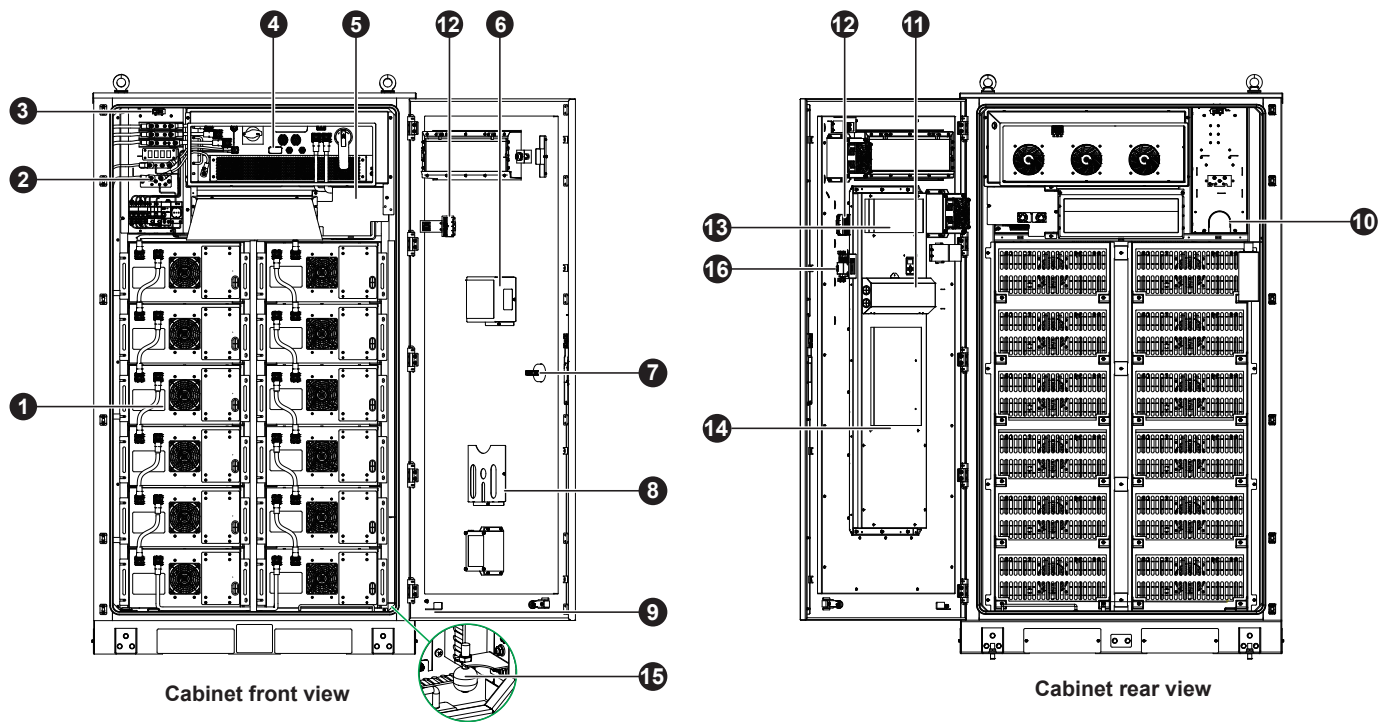


## 2.3 System Components



No.	Definition	Description
①	Emergency stop button	Used for emergency stop of energy storage system
②	Front door lock	Verify that the front door equipment is protected and prevented from being opened without authorization
③	Operating status indicator	Display the system status in real time
④	PCS cooling air inlet	PCS fan air inlet
⑤	Lifting ring	Used for lifting Schneider Boost Pro
⑥	Electric damper	Release hydrogen to prevent the accumulation of combustible gas
⑦	Forklift guard plate	Removable panels provide forklift access for loading/unloading
⑧	PCS cooling air outlet	PCS fan outlet
⑨	Wind valve	Remove hydrogen to prevent the accumulation of combustible gas
⑩	Rear door lock	Verify that the backdoor device is protected and prevented from being opened without authorization
⑪	Air Conditioner	Verify that the system operates stably within the appropriate temperature range

## 2.3 System Components



No.	Definition	Description
1	PACK	An energy module containing 20 battery cells
2	Switchboard	Manage the electrical switches of the energy storage system
3	Door switch	Detect the opening and closing status of the door, and trigger the corresponding control or functions
4	PCS	The conversion and power regulation of alternating and direct current in energy storage systems
5	Master control box	Centralized management and coordination of the system's operation and control
6	Touch screen	Used for human-computer interaction, it enables inputting instructions or displaying information through touch operation.
7	Emergency stop button	It's a "panic button" for quick shutdown in emergencies.
8	Document holder	It's a stand to keep your papers organized and visible while working.
9	Door limit position	It sets the door's "stop point" to prevent over-travel or damage.
10	Fire extinguisher	It's a device to quickly put out fires before they escalate.
11	Industrial air conditioner	It's heavy-duty cooling/heating for eBox inner space.
12	Smoke sensor	It's a protective guard that spots smoke before fire spreads in battery/equipment areas.
13	Air conditioner air inlet	Lets fresh/cool air in for thermal management.
14	Air conditioner air outlet	Vents out hot air to keep components cool.
15	Float switch	Used to detect liquid leakage (water) inside the cabinet.
16	Humidity sensor kit*	The humidity sensor kit monitors and controls ambient humidity in real-time, making sure safe and stable operation.

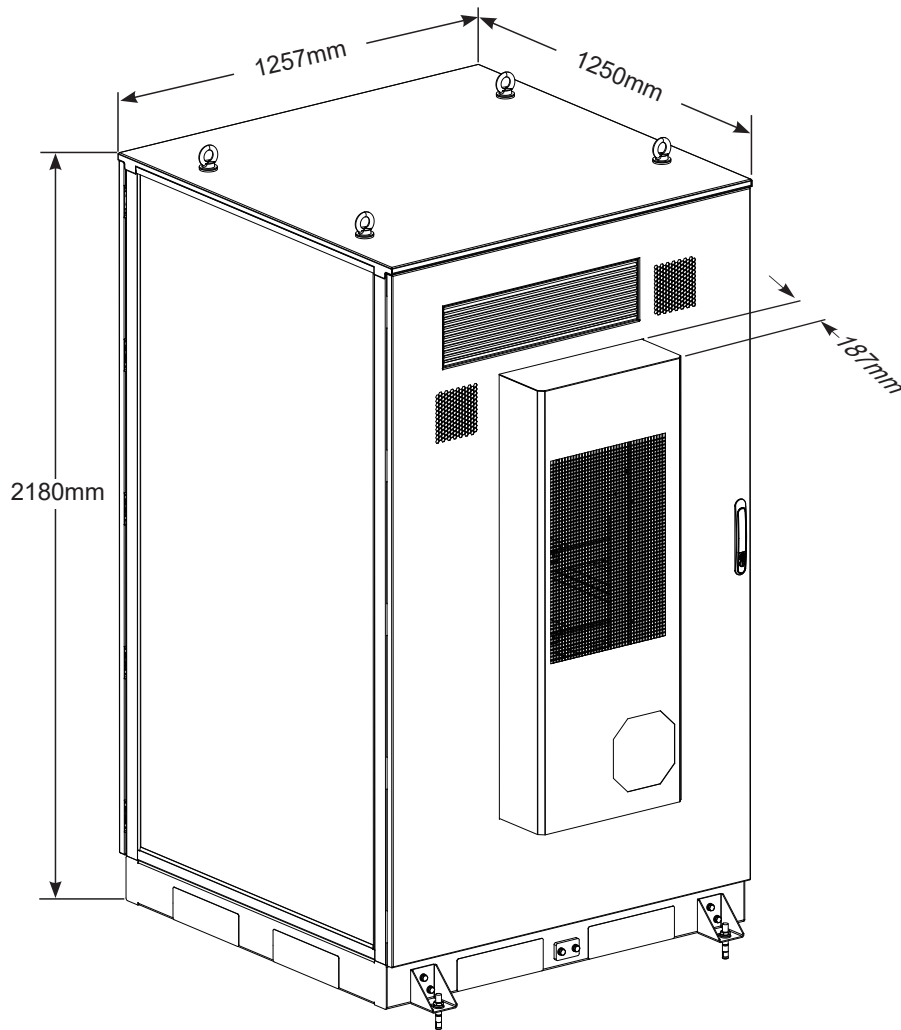
## 2.4 Technical Specifications

Part	No.	Item	BAT215KPCS100K3EU1	BAT215KPCS100K3EU2
Grid Port	1	Rated power	100kVA	100kVA
	2	Grid Type	3P+N+PE	3P+N+PE
	3	AC Rated voltage	230/400Vac	230/400Vac
	4	AC Rated current	145A	145A
	5	AC Voltage Range*(1)	85%~+110%	85%~+110%
	6	Rated Frequency	50Hz	50Hz
	7	AC Frequency Range*(2)	47-52Hz	47-52Hz
	8	Power Factor	-1...+1, (PF at Rated power/Adjustable power factor)	-1...+1, (PF at Rated power/Adjustable power factor)
	9	Power Accuracy*(3)	+/- 1.5%	+/- 1.5%
	10	THDI	<3%	<3%
	11	Over-voltage category	OVCIII	OVCIII
Battery	12	Cells Technology	LFP Prismatic	LFP Prismatic
	13	Pack Configuration ( parallel / series)	1P20S	1P20S
	14	Cluster Configuration (parallel / series)	1P240S	1P240S
	15	Nominal Energy	215kWh	215kWh
	16	Useable Energy	200kWh (93%DOD)	215kWh (100%DOD)
	17	Rated Voltage	768Vdc	768Vdc
	18	Voltage Range	650-864 Vdc	650-864 Vdc
	19	Max input/output current (DC)	179.2A	179.2A
	20	Rated Capacity	280Ah	280Ah
	21	Over-voltage category	OVCII	OVCII
All-in-1 Feature	22	Grid-tie operation	Supported	Supported
	23	OTA FW upgrade	Supported	Supported
	24	Max system round trip efficiency	90.8%	90.8%
	25	Charge/Discharge Rate	0.5P	0.5P
	26	Depth of Discharge	93%	100%
	27	Supported Communication Interface	Ethernet (LANx1)	Ethernet (LANx1)
	28	Anti-salt mist grade*(4)	C5M	C5M
	29	IP degree	IP55	IP55
	30	Thermal management	PCS: Forced air Battery: air-conditioning cooling/ heating	PCS: Forced air Battery: air-conditioning cooling/ heating
	31	Operation Ambient Temperature	-20°C ~ 55°C, derating > 45°C	-20°C ~ 55°C, derating > 45°C
	32	Cold-start	Supported	Supported
	33	Operation Altitude	2000m	2000m
	34	Storage Temperature	-20°C < T ≤ -10°C 3 months -10°C < T ≤ 25°C 10 months 25°C < T ≤ 45°C 6 months 45°C < T ≤ 55°C 3 months T ≤ -20°C & T > 55°C Not permitted	-20°C < T ≤ -10°C 3 months -10°C < T ≤ 25°C 10 months 25°C < T ≤ 45°C 6 months 45°C < T ≤ 55°C 3 months T ≤ -20°C & T > 55°C Not permitted
	35	Over/ Under voltage protection	Yes	Yes
	36	Over current/ Short current protection	Yes	Yes
	37	Over temperature protection	Yes	Yes
	38	Surge protection	Yes	Yes
	39	DC protection	Yes	Yes
	40	AC protection	Yes	Yes
	41	Aux protection	Yes	Yes
	42	Dimensions (L×W×H)	1257mm×1437mm×2180mm	1257mm×1437mm×2180mm
	43	Weight	≤2607 Kg	≤2647 Kg
44	standards	EN IEC/IEC 62619 EN IEC/IEC 63056 UL9540A EN 62477-1 EN/EN IEC 61000-6-2 & 4 REGULATION (EU) 2023/1542 UN38.3 Rohs, REACH	EN IEC/IEC 62619 EN IEC/IEC 63056 UL9540A EN 62477-1 EN/EN IEC 61000-6-2 & 4 REGULATION (EU) 2023/1542 UN38.3 Rohs, REACH	

### 2.4 Technical Specifications

<b>Certifications</b>	45	Grid code	EN 50549-1/-2:2019, EN 50549-10 :2022 RENBLAD 342:2020 G99/1-10/03.24 VDE-AR-N 4105:2018 CEI0-21:2022/V1:2022 CEI0-16:2022/V3:2024 C10/11:2021 EIFS2018 TR 3.3.1: 2024	EN 50549-1/-2:2019, EN 50549-10 :2022 RENBLAD 342:2020 G99/1-10/03.24 VDE-AR-N 4105:2018 CEI0-21:2022/V1:2022 CEI0-16:2022/V3:2024 C10/11:2021 EIFS2018 TR 3.3.1: 2024
<b>Note</b>	46		*(1) Respect to different local regulation, the compatible grid voltage could be configurable *(2) Respect to different local regulations, the compatible grid frequency could be configurable *(3) At rated active power *(4) C5M grade applies to case metal of the cabinet	

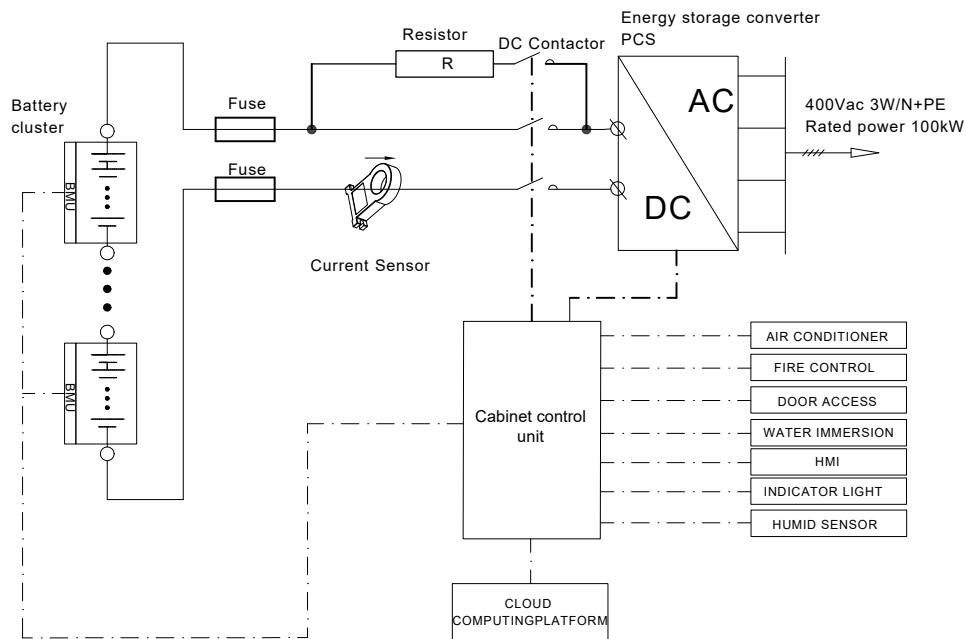
### 2.5 Dimensions



### 2.6 System Functions

#### 2.6.1 System Schematic Diagram

SYSTEM SCHEMATIC DIAGRAM



#### 2.6.2 System Working Mode

No.	status	Description
1	Power-off	The system is completely powered off. The AC side is disconnected from the power grid, the DC side is switched off, and the auxiliary power supply is turned off. This state is suitable for equipment maintenance or when the equipment is not in use for a long time.
2	Initialization	After power-on, the system conducts self-checks to prepare for operation. It can only enter other normal working states after passing the self-check.
3	Running	The system operates normally at the set power and can quickly respond to scheduling and working condition changes. It is the main working mode of the system.
4	Standby	The system enters this state when there is a short-term power output requirement. It can respond relatively quickly to the restoration of power requirements, and some equipment operates at low power consumption.
5	Shutdown	This state is entered when there is a long-term power output requirement. The response speed to requirements is relatively slow. Some equipment is powered off, but partial control functions are retained.
6	Fault	The system enters this state when it detects serious problems. Only the auxiliary power supply and control components remain operational, and an alarm is issued. It is necessary to troubleshoot and repair the faults as soon as possible.
7	OTA	This state is used for software version upgrades, during the upgrade process, only the auxiliary power supply and key components remain operational.

#### 2.6.3 System LED Indicators

### NOTICE

#### HAZARD OF EQUIPMENT DAMAGE

- During the OTA process, power should not be cut off manually, and Schneider Boost Pro needs to remain connected to the power grid. Failure to follow these instructions can result in equipment damage.

Indicator Light	Status	Signal Meaning
Green	Flash	Boost Pro Standby
Green	Steady	Boost Pro Running normally
Yellow	Flash	Boost Pro auto-recovery, Level 1 / 2 events
Yellow	Steady	FW OTA upgrade in progress
Red	Flash	Maintenance needed, Level 3 events

**Note:** During power-on self-test initialization, the indicator light remains solid white.

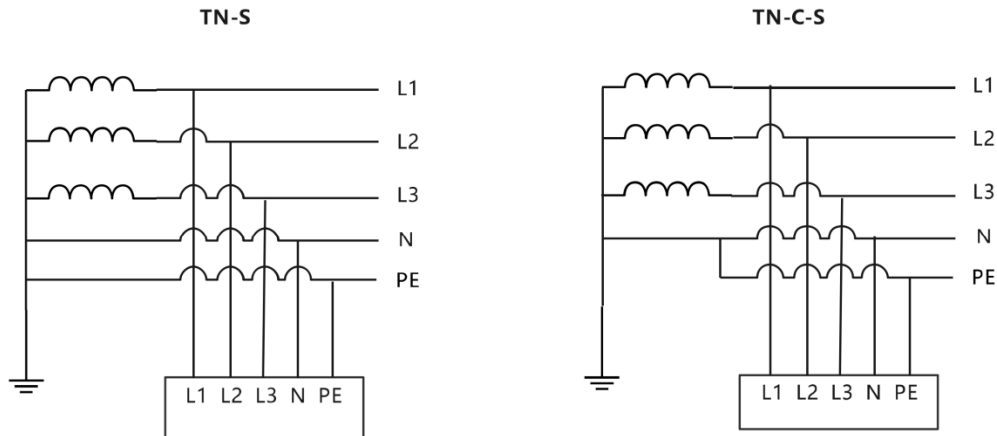
- Level 1  
This serves as a status reminder without affecting current functionality.
- Level 2  
The alarm will be automatically cleared once the system returns to the normal operating range, no power off or manual maintenance is required.
- Level 3  
This level typically requires system power off and manual maintenance before normal operation can resume.

## 2.6 System Functions

### 2.6.4 Earthing Systems

The product specifications for the industrial and commercial Schneider Boost Pro explicitly state that it is compatible with TN (Terrestrial Neutral).

- The energy storage converter is suitable for a rated three-phase voltage of 230/400V and a frequency of 50 Hz for the grid. Other technical requirements should comply with the local public grid specifications.
- This series of products are applicable to the following kinds of structural grids.



### 2.6.5 Cybersecurity Guidelines

This section includes information on how to help protect your system.

#### ▲ WARNING

##### POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY

Follow the cybersecurity best practices in this document to help prevent unauthorized access to the system software.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

- Passwords should include upper case, lower case, number, and special characters.
- The password must have 8 characters minimum.
- The password should not be easily found in the dictionary and a phrase is preferred.
- Passwords should be changed frequently, at least once a year.
- A default password must be changed immediately when first received and after a factory reset.
- Never reuse passwords.
- Never share passwords with unauthorized personnel.

##### Physical Site Protection

To help deter physical attacks:

- Install the system on private property, away from public passageways.
- Properly reinstall and close all covers.
- Route all cables through conduits.

##### Note:

To find out about the latest cybersecurity news, sign up for notifications, or to report a vulnerability, visit the Schneider Electric Cybersecurity Support Portal.

##### Recommended Actions:

The list of recommended actions below is not a complete list of possible cybersecurity measures.

### 3.1 General Information

#### ⚠ WARNING

##### HAZARD OF CRUSH INJURY

- Maintain upright position with hazard labels visible.
  - Use moisture-proof, impact-resistant packaging with secured fastening.
  - Do not stack heavy objects on top.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

#### ⚠ WARNING

##### HAZARD OF TOXIC EXPOSURE OR CONTAMINATION

- Transport by sea or well-maintained roads only.
  - Segregate from food, medicine, animal feed and sharp objects.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

#### NOTICE

##### RISK OF EQUIPMENT DAMAGING

- Prevent vibration and tilting during transit.
  - Confirm provider licenses meet transit/destination regulations.
  - Verify Section 38.3 of the UN Manual of Tests and Criteria (Part III).
- Failure to follow these instructions can result in equipment damage.**

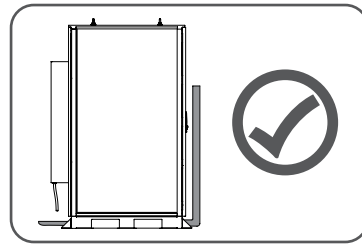
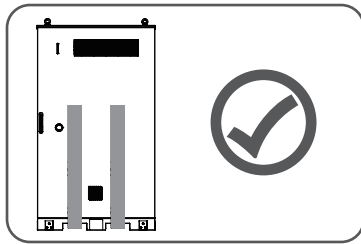
### 3.2 Handling

#### ⚠ WARNING

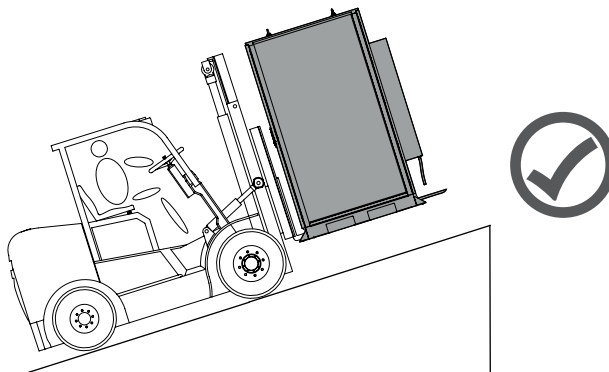
##### RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE

- Manual forklifts are strictly prohibited.
  - Only powered forklifts are allowed on slopes, ensuring sufficient power, stable balance, and unobstructed operator visibility for handling.
  - Ensure forklift arms are centered on the Schneider Boost Pro and fully extended before lifting.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

- If the delivery site lacks a truck-accessible platform, use a side-opening transport vehicle with a powered forklift (mechanical/electric, capacity  $\geq 5t$ ) for unloading.
- During handling, ensure the forklift arms are centered on the cabinet and fully extended.



- Manual or semi-powered forklifts are banned on inclines. Only powered forklifts are permitted, with stability, adequate power, and clear operator visibility.



## 4.1 Site Selection

**▲ WARNING****HAZARD OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- The selected site shall be far away from scenarios that are not recommended by NFPA 855 Standard for the Installation of Stationary Energy Storage Systems:
  - Areas interfered by strong vibration, strong noise sources, and strong electromagnetic field.
  - Places that generate or have dust, oil fumes, harmful gases, corrosive gases, etc.
  - Places where corrosive, flammable, and explosive materials are produced or stored.
  - Places with existing underground facilities.
  - Areas which are prone to water accumulation and sinking due to unfavorable geological conditions such as rubber soil and weak soil layers on the ground.
  - Areas under reservoirs, water landscapes, and water intake rooms.
  - Earthquake and seismic areas with a fortification intensity higher than intensity 9.
  - Areas with direct hazards such as mudslides, landslides, quicksand, and caves.
  - Areas within the boundary of the mining subsidence (displacement) zone.
  - Areas within the hazardous range of blasting.
  - Areas that may be submerged after a dam or embankment collapses.
  - Water source hygiene protection zones.
  - Historical relics and historic sites protection zones.
  - Densely populated areas, high-rise buildings, and underground structures.
  - Urban main road intersections and busy traffic sections.
- The installation site of energy storage system or energy storage power station and the surrounding area shall be free of combustibles within 3 meters.
- The distance between the obstruction and the top of the energy storage equipment shall be greater than 3m.
- The boost pro is designed for outdoor application only.
- The energy storage system installed in salt damaged or polluted areas may be corroded. Do not install the energy storage system in salt damaged or polluted areas.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGING**

- The energy storage system can be used in the following or better environments:
  - Outdoor environments located more than 4000m away from the coast; it is not recommended to use the energy storage system within 4000m of the coast
  - The distance from heavy pollution sources such as smelting plants, coal mines, and thermal power plants shall be greater than 3000m.
  - The distance from moderate pollution sources such as chemical, rubber, and electroplating plants shall be greater than 2000m.
  - The distance from light pollution sources such as food, leather, heating boilers, slaughterhouses, centralized garbage dumps, sewage treatment plants, etc. shall be greater than 1000m.

**Failure to follow these instructions can result in equipment damage.**

**NOTE:** For other applications that out of environmental specifications, the installer needs to assess the risks, and the customer shall contact with eStar team for case-by-case analysis.

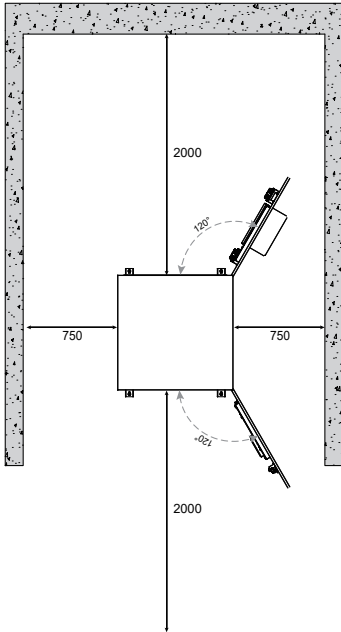
### 4.2 Installation Space

#### NOTICE

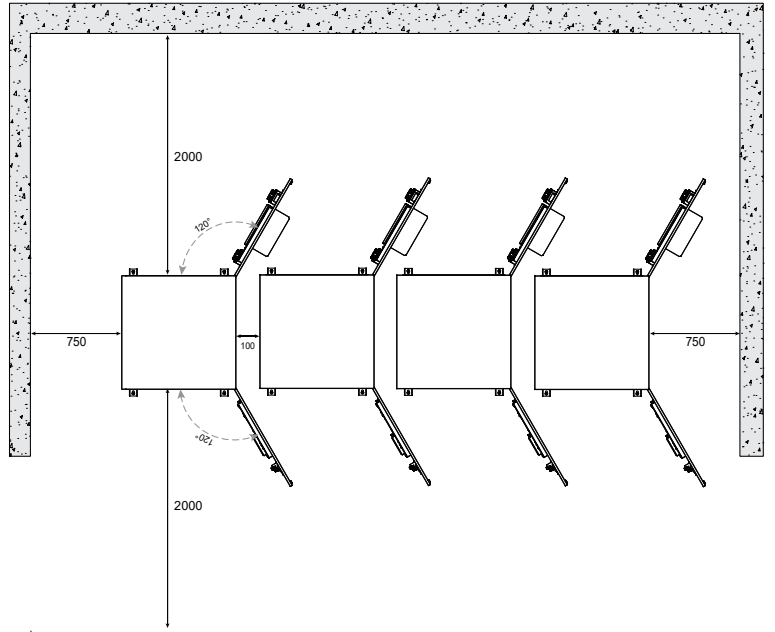
##### INSTALLATION AND SITING

- The minimum space requirements for installation and operation are as follows. Please make a comprehensive judgment based on the site selection requirements.
  - Schneider Boost Pro can be installed outdoors and in open parking garages less than 3 m (10 feet) from the means of egress or other exposures.
- Failure to follow these instructions can result in equipment damage.**

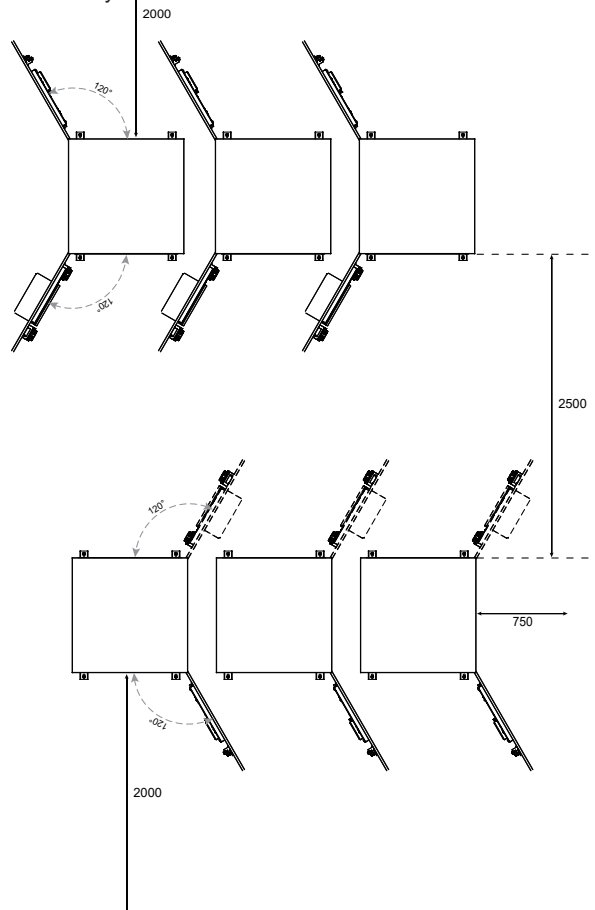
Clearance Requirements: Single Schneider Boost Pro Array.



Clearance Requirements: Linear Schneider Boost Pro Cabinet Array.



Clearance Requirements: Parallel Schneider Boost Pro Cabinet Array.



**NOTE:** Verify that enough space is available around the installation pad to use a forklift and other lifting equipment, unpack crates, remove packing materials, and allow two people to freely move throughout the area.

### 4.3 Specific Site Precautions

#### ▲ CAUTION

##### EXTERNAL PROTECTION REQUIREMENT

- It is recommended that an external Type B RCD (Residual Current Device), rated at 300mA and 50kA, be installed. The final selection and installation comply with local regulations and be approved by the site design engineer.

**Failure to follow these instructions can result in injury.**

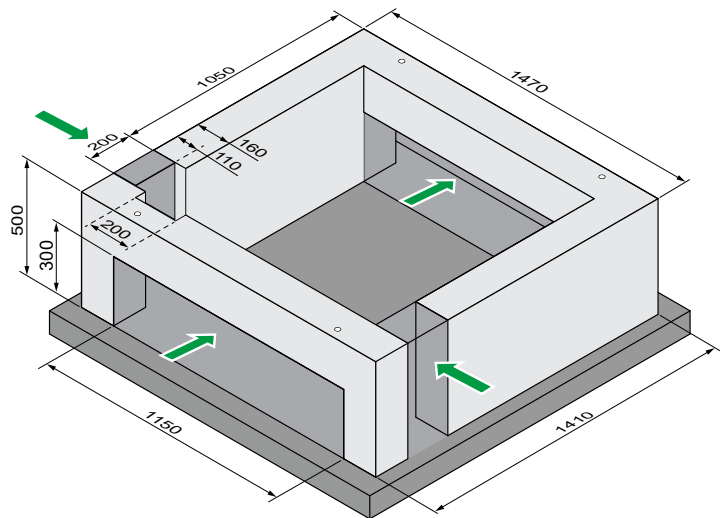
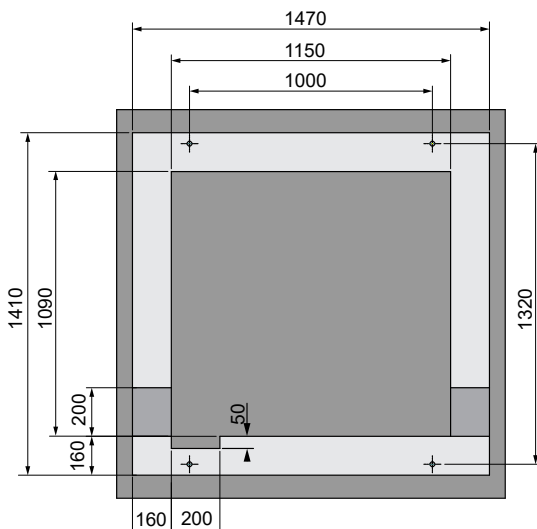
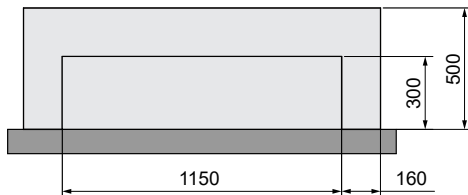
#### NOTICE

##### RISK OF EQUIPMENT DAMAGE OR COLLAPSE

- The foundation is to be positioned higher than the local historical highest water level and at least 300mm above the ground level.
- Hardened level ground (concrete or steel platform), with a slope of  $\leq 3^\circ$ , and settlement-free.
- The foundation is to be designed to accommodate the total weight of the equipment, and the bottom of the foundation pit is to be compacted and filled.

**Failure to follow these instructions can result in equipment damage.**

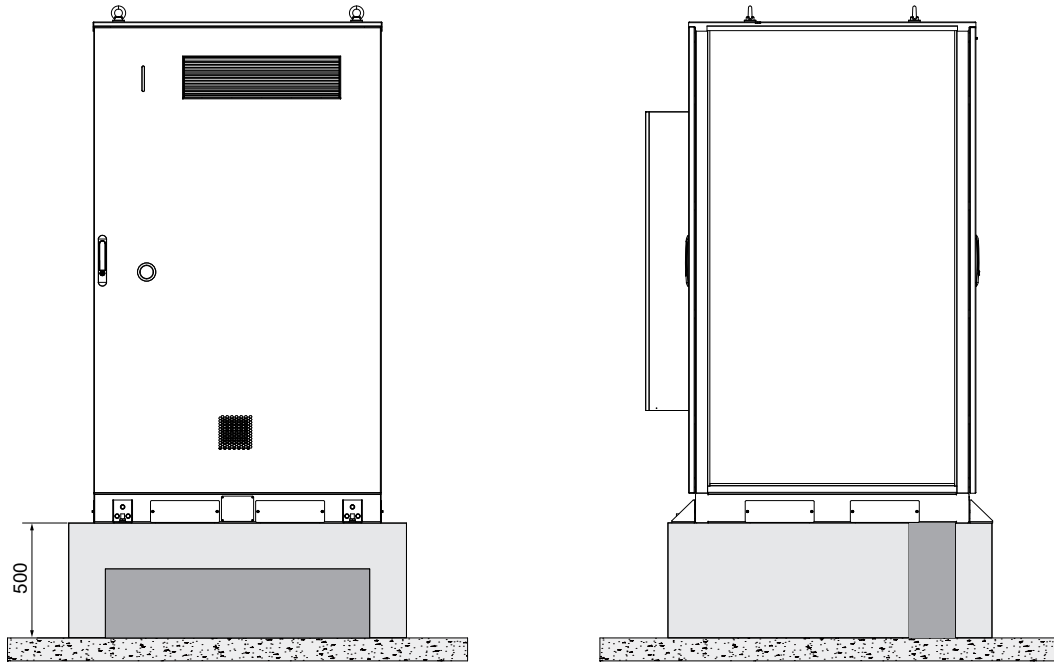
Foundation precautions:	<ul style="list-style-type: none"> <li>After the equipment foundation is excavated, it is strictly prohibited to disturb it by soaking in water.</li> <li>Drainage requirements: Verify that the site is free of standing water, and set up drainage ditches around the perimeter.</li> </ul>
Maintenance passage:	Verify that sufficient operational space around the cabinet, following local regulations.
Clearance distance:	<ul style="list-style-type: none"> <li>Keep away from flammable and explosive materials (such as oil storage, gas pipelines).</li> <li>Distance from buildings: <math>\geq 2</math> meters</li> <li>When equipment foundations are constructed, it is necessary to reserve trenches or entry holes in consideration of the issue of energy storage system cable outgoing lines.</li> <li>The reserved holes on the equipment foundation and the inlet holes at the bottom of the equipment shall be sealed.</li> <li>The foundation design needs to be based on installation and operation scenarios, and forklift driving passages and space shall be reserved.</li> </ul>



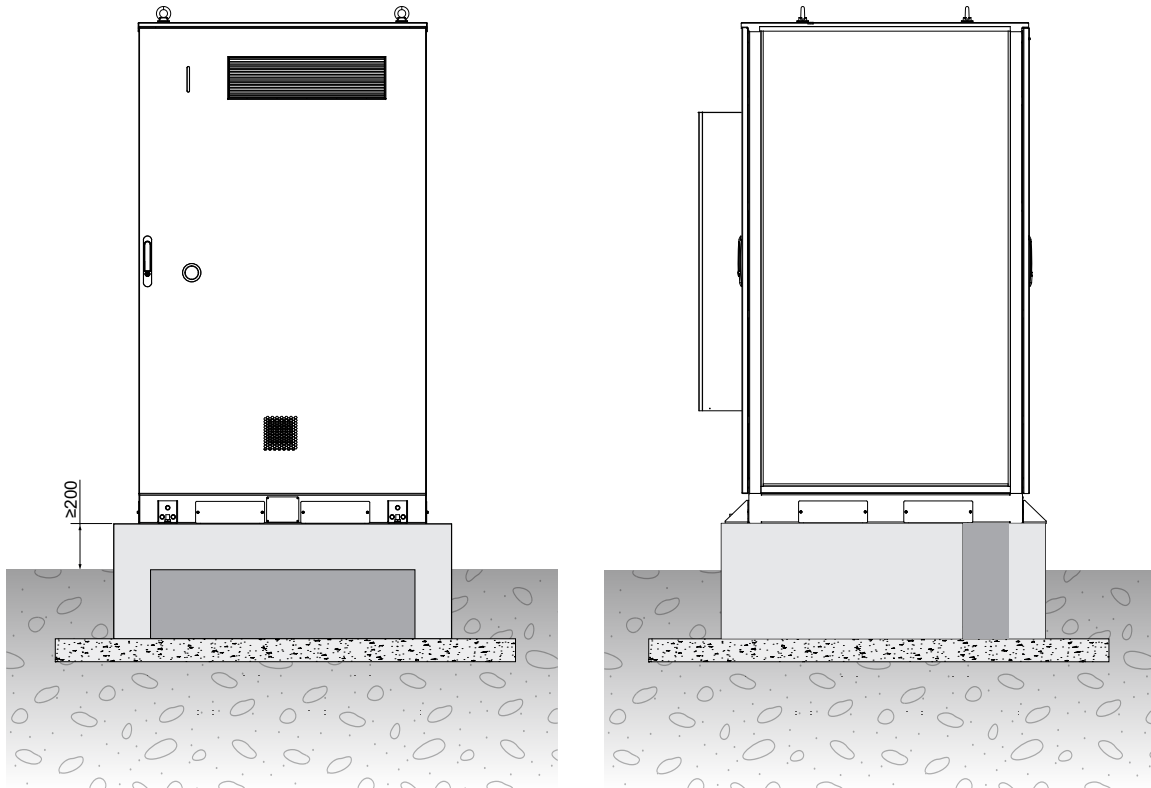
- Please seal the following areas with cement after installation is completed.

## 4.3 Specific Site Precautions

- This scenario is applicable to outdoor rigid pavement.



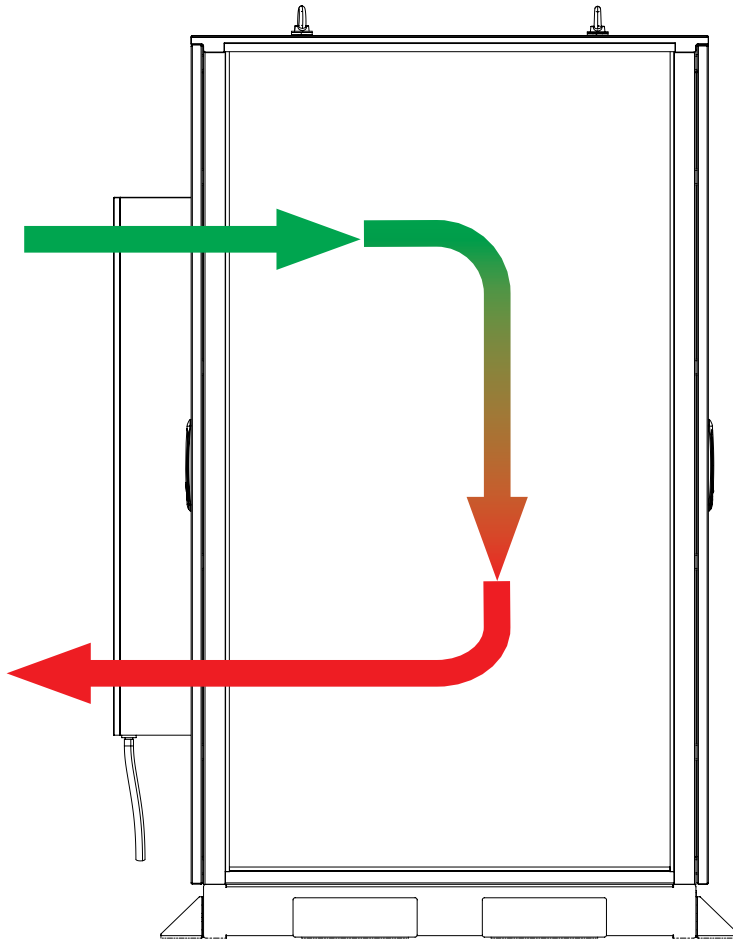
- This scenario is applicable when there is no outdoor hard surface. The foundation bearing capacity is greater than 80 kPa. If this condition is not met, foundation treatment is required.



**NOTE:** The above is for reference only. Specific construction requirements should be discussed with your local building team.

## 4.4 Ventilation

Ventilation of the Schneider Boost Pro:



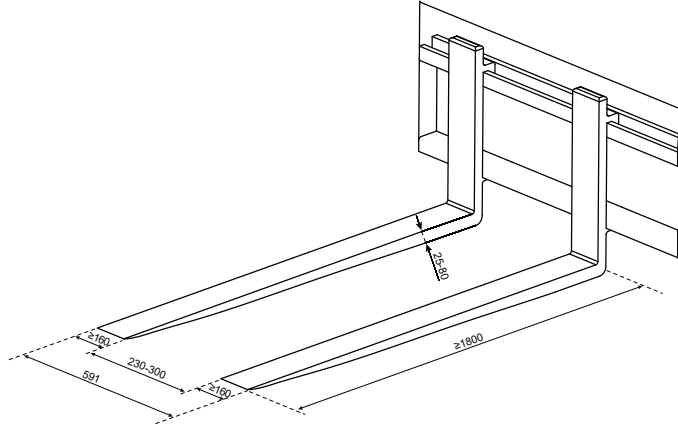
**NOTE:** If necessary, take steps to avoid snow or objects from blocking the inlets, outlets or the operation of the cable management system.

## 4.5 Forklift Handling

**NOTICE****HAZARD OF FORKLIFT OVERTURNING**

- Verify forklift load capacity  $\geq 5t$  through certified load testing.
  - Never exceed maximum load limit indicated on manufacturer's data plate.
- Failure to follow these instructions can result in equipment damage.**

Before using a forklift, verify that it meets the load-bearing requirements:  
Recommended forklift prong length: 1.5m~2.0m, width: 80mm~250mm, thickness: 25mm~80mm.



## 4.6 Lifting

**▲ WARNING****RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- Verify crane and lifting ropes are rated for the load capacity before operation.
  - Inspect ropes for wear, kinks, or damage prior to each lift.
  - When installing and dismantling lifting equipment, do not drag it on the box to prevent scratching the box.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

## Before lifting

**▲ WARNING****HAZARD OF CRANE FAILURE OR FALLING LOADS**

- Verify crane capacity  $> 5t$  with  $\geq 10m$  working radius.
  - Use only certified lifting tools inspected before operation.
  - Ensure steel cable connections are locked.
  - Close and lock all cabinet doors prior to lifting.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGE**

- Operate only by certified personnel with documented training.
  - Prefer calm weather for outdoor lifting operations.
- Failure to follow these instructions can result in equipment damage.**

## During lifting

**▲ DANGER****HAZARD OF STRIKING**

Prohibit unauthorized personnel in lifting area – never stand under crane arm.  
**Failure to follow these instructions will result in death or serious injury.**

**▲ CAUTION****RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- Lift/drop cabinets gently without impact.
  - Maintain  $\leq 90^\circ$  angle between lifting ropes.
  - Never drag cables or strike with hard objects.
  - Lift next cabinet only after prior unit is fully secured.
- Failure to follow these instructions can result in injury or equipment damage.**

### ⚠ DANGER

#### HAZARD OF ELECTRIC SHOCK, EXPLOSION, OR EQUIPMENT DAMAGE

- Install equipment away from liquid sources: pipes, vents, windows, or condensation-prone locations.
- Maintain closed enclosure doors when ambient humidity >80% RH.
- Terminate all outdoor operations during lightning, precipitation, or winds >Level 6 (13.8 m/s).

**Failure to follow these instructions will result in death or serious injury.**

### ⚠ CAUTION

#### RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE

- All cables laid and installed at temperatures above 0°C. When handling the cables, especially during construction in low-temperature environments, they are handled with care.
- If the storage temperature of the cables is below 0°C, before laying the cables, they are moved to a room temperature environment for storage for more than 24 hours.
- Handle cables without impact: No dropping, pushing, or impact tools.

**Failure to follow these instructions can result in injury or equipment damage.**

### 5.1 Pre-installation Inspection

### ⚠ CAUTION

#### RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE

- Be careful when moving the equipment, as the collision or drop may cause damage to the equipment.
- After placing the equipment, carefully remove the packaging while maintaining the stability during disassembly.
- When the installation environment is poor, it is necessary to take dust-proof and anti-condensation measures to avoid condensation or corrosion inside the battery.









**Failure to follow these instructions can result in injury or equipment damage.**

#### Pre-installation check items

1	Check whether the foundation design drawings align with the Schneider Boost Pro manufacturer's requirements, including dimensions, elevation, and reserved openings.
2	Check whether the foundation's load-bearing capacity meets the weight and seismic load requirements of the Schneider Boost Pro.
3	Check the concrete test block report to verify that the strength meets the design requirements (usually $\geq$ C25).
4	Check the foundation surface for flatness, cracks, honeycombing and holes. Acceptable flatness deviation: $\leq$ 3mm.
5	Check whether the Minimum distance between the foundation and surrounding walls or equipment meets O&M and fire Protection requirements.

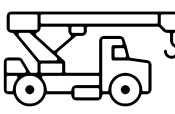

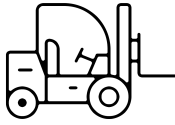
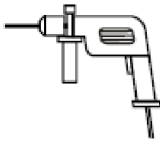
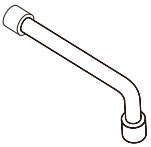
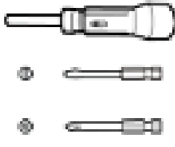



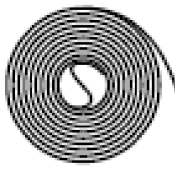

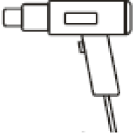

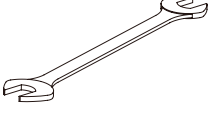
### 5.2 Personal Protective Equipment (PPE)

Before starting on-site operations, verify that the following personal protective equipment (PPE) is fully prepared. Additional protective equipment can be provided as needed.

Protective equipment				
	Insulating gloves	Protective gloves	Protective goggles	Anti-dust respirator
				
	Insulating shoes	Reflective vest	Protective helmet	Protective belt

### 5.3 Preparation of Installation Tools

- The tools as shown in the figure are for reference only, and the actual product shall prevail.
- Due to varying on-site conditions, this tools list may not include some tools that may be used possibly. The on-site installer and user shall prepare tools that are not listed based on the actual situation.

Installation tools					
	Crane	Lifting rope	Forklift (5T)	Impact gun	Torque wrench
					
Torque screwdriver	Adjustable wrench	Crimping tool	Wire stripper	Heat shrinkable sleeve	
					
Cable tie	Heat gun	Claw hammer	Wrench		

### 5.4 Installation of Schneider Boost Pro

#### ▲ DANGER

##### HAZARD OF HEAVY EQUIPMENT FALLING

Do not stand or move beneath the crate as it is being lifted or tilted.

**Failure to follow these instructions will result in death or serious injury.**

#### ▲ WARNING

##### UNGUARDED MACHINERY HAZARD

Please make sure to place the Schneider Boost Pro on the floor before dismantling the pallet.

**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

#### ▲ CAUTION

##### HAZARD OF SHARP EDGES

■ When removing packaging from the top, maintain a 2-meter clearance above.

■ It is recommended to wear protection gloves when unpacking the Charging Station as there could be sharp edges.

**Failure to follow these instructions can result in injury.**

#### NOTICE

##### RISK OF EQUIPMENT DAMAGE

2 operators and safety step ladders are required to safely unbox the Schneider Boost Pro.

**Failure to follow these instructions can result in injury or equipment damage.**

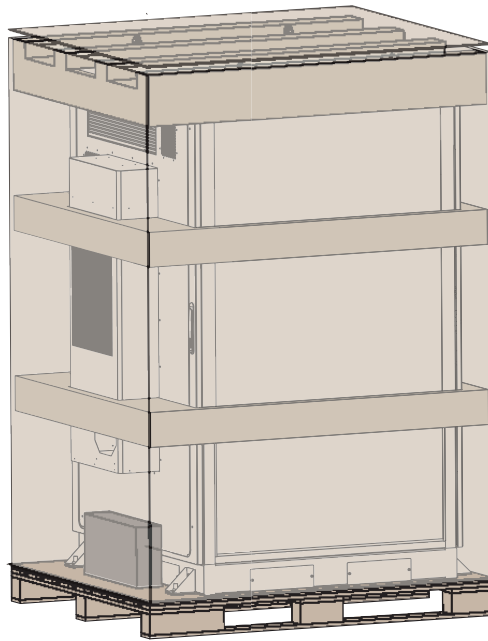
## 5.4 Installation of Schneider Boost Pro

## 5.4.1 Unpacking the Schneider Boost Pro

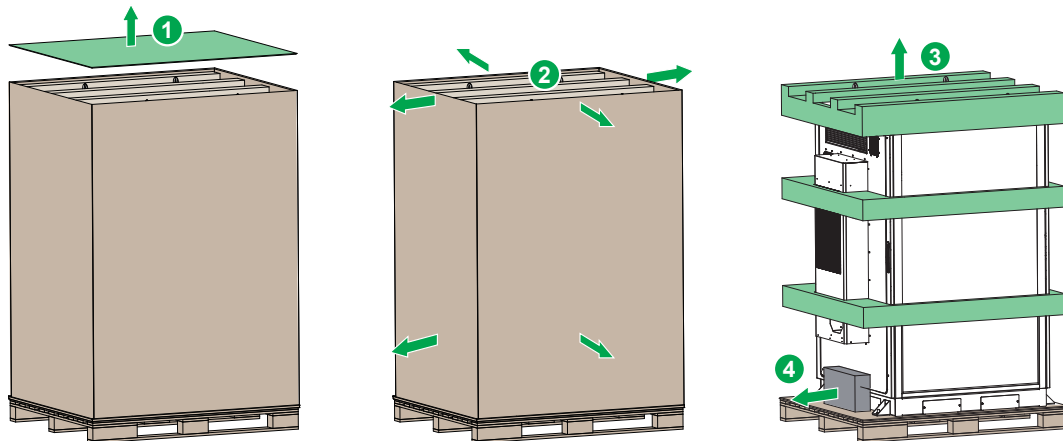
Inside the Schneider Boost Pro shipping box you can find the below mentioned items .  
If there are any missing items, please contact Schneider Electric for the necessary replacements.

## Check of the accessories in the box

NO.	Material	Size	Quantity/meter
1	Tandem harness 1	265mm*50mm <sup>2</sup>	10
2	Tandem harness 2	800mm*50mm <sup>2</sup>	1
3	Expansion screw	M16*100	4
4	Keys	/	2
5	Certificate of conformity	/	1
6	Factory test report	/	1
7	Fireproof sleeve	/	1.5m



Packaging Parameters	BAT215KPCS100K3EU1	BAT215KPCS100K3EU2
Pallet dimensions	1620*1384*162 (mm)	1620*1384*162 (mm)
Pallet weight	135 kg	135 kg
Schneider Boost Pro dimensions	1257*1437*2180 (mm)	1257*1437*2180 (mm)
Schneider Boost Pro weight	≤2607 Kg	≤2647 Kg



Step 1: Pry open all the buckles on the top surface with a slot type screwdriver and remove the top wooden board.

Step 2: Pry open the buckle on the sides and remove the wooden boards on all four sides one by one.

Step 3: Remove the pearl cotton from the top.

Step 4: After unpacking, please check the accessories on the wooden pallet.

## 5.4 Installation of Schneider Boost Pro

## 5.4.2 Transportation of Schneider Boost Pro

**Method 1:**

Follow these guidelines when operating a forklift:

**▲ WARNING****RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- The forklift arm must be positioned in the middle of the Schneider Boost Pro and shall extend out of the cabinet.
- When moving the equipment with a forklift, please tie and secure it according to the actual situation to ensure that there is no risk of the equipment tipping over.

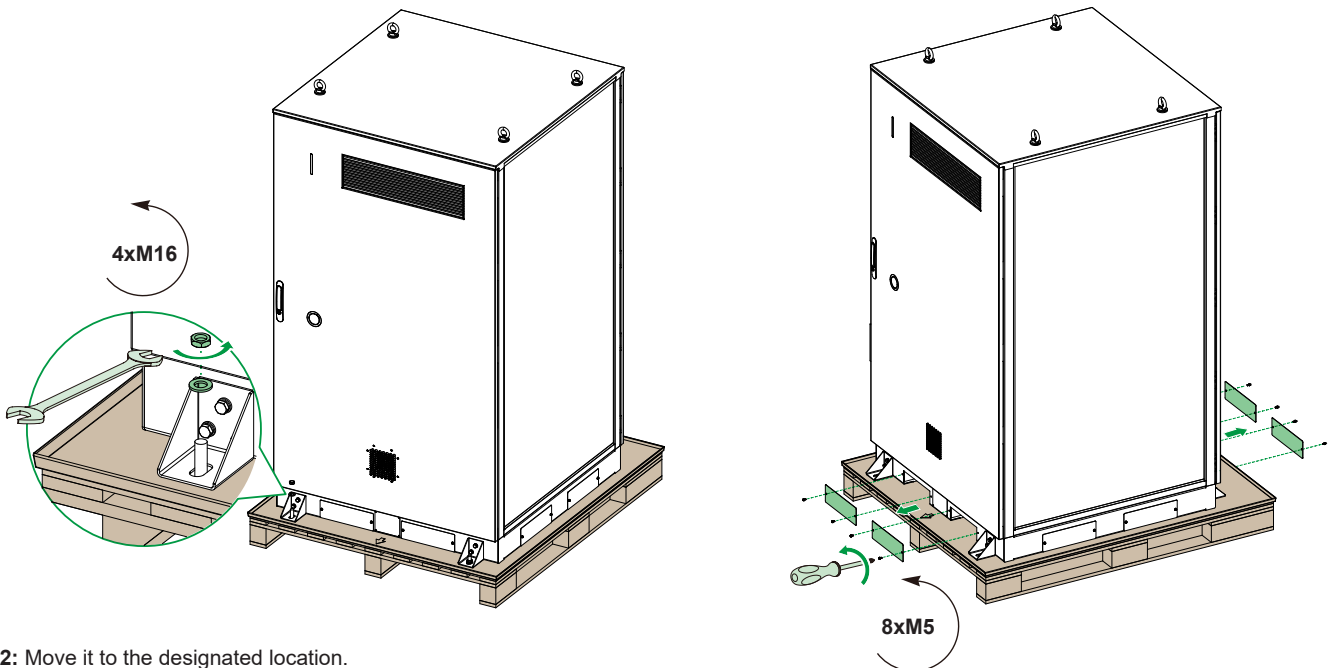
**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGING**

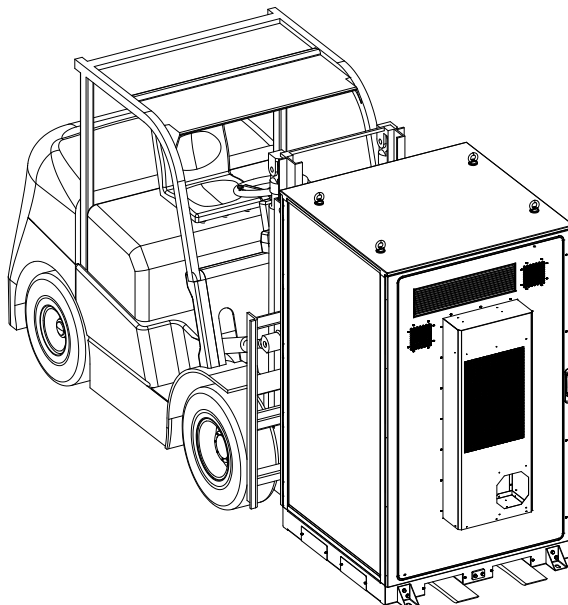
- A trial lifting shall be carried out, and the forklift forks shall be adjusted to the appropriate position according to the specifications. When lifting and loading/unloading the integrated Schneider Boost Pro with a forklift, it should be lifted and placed gently to avoid impact or vibration. The Schneider Boost Pro should only be placed on a flat surface, free of water, obstacles, bulges, or depressions. Considering the height of the equipment, it may obstruct the driver's view. It is recommended to assign personnel to guide the driver, depending on the situation.
- If the installation site is level, a forklift can be used to move the Schneider Boost Pro. The cabinet supports forking and transportation from the front and back through the base. Before lifting, ensure that the front and rear side panels of the cabinet's base are removed and properly stored.

**Failure to follow these instructions can result in equipment damage.**

**Step 1:** Remove the bottom limit baffle plate.



**Step 2:** Move it to the designated location.



## 5.4 Installation of Schneider Boost Pro

## 5.4.2 Transportation of Schneider Boost Pro

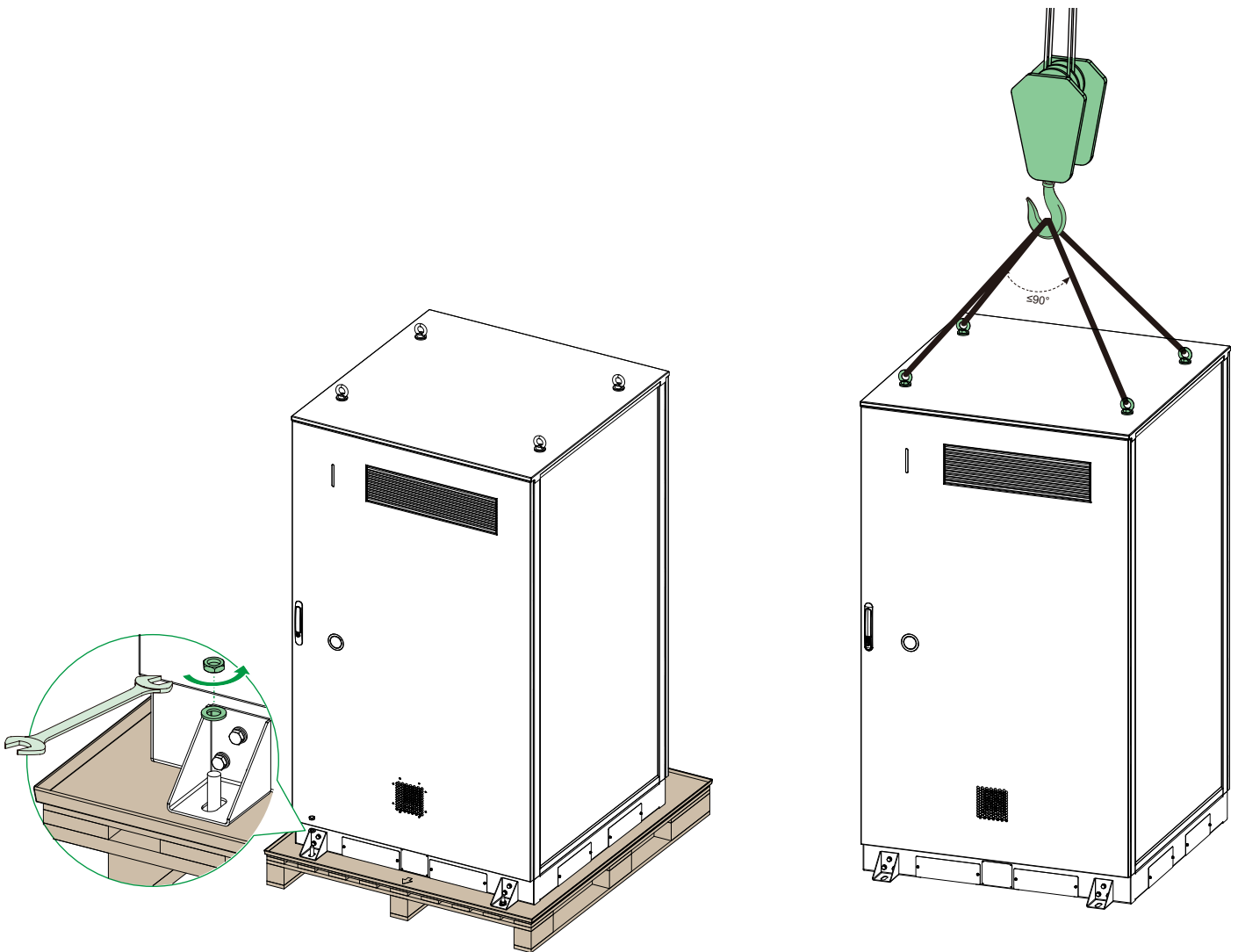
**▲ WARNING****RISK OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

- During lifting and installation operations, there must be professional personnel providing full-time supervision.
  - The strength of the lifting slings must be sufficient to bear the weight of the integrated Schneider Boost Pro.
  - Throughout the lifting process, the integrated Schneider Boost Pro must be kept steady and level, without tilting.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**Method 2:**

Follow these guidelines when operating a crane:

- Maintain a clear and safe work area during lifting operations.
- During lifting and installation operations, professional personnel shall provide full-time supervision.
- Verify that all sling connections are proper and that the sling legs connected to the lifting rings are of equal length.
- The sling length can be adjusted as needed based on the actual site requirements.
- Throughout the lifting process, keep the integrated Schneider Boost Pro steady and level.
- Make sure the angle between the two ropes  $\leq 90^\circ$ .
- The load-bearing capacity of the suspension rope shall be greater than 3 times the maximum weight of the cabinet



### 5.4 Installation of Schneider Boost Pro

#### 5.4.3 Fixing of Schneider Boost Pro

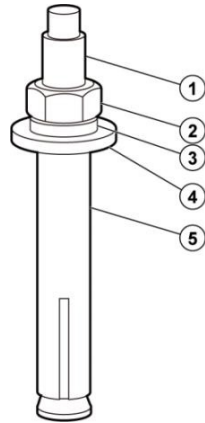
### NOTICE

#### RISK OF EQUIPMENT DAMAGE

When inserting the expansion bolt, the upper end of the expansion pipe must be flat with the ground and not protrude from the ground; otherwise, the feet of the integrated cabinet will be placed uneven on the ground.

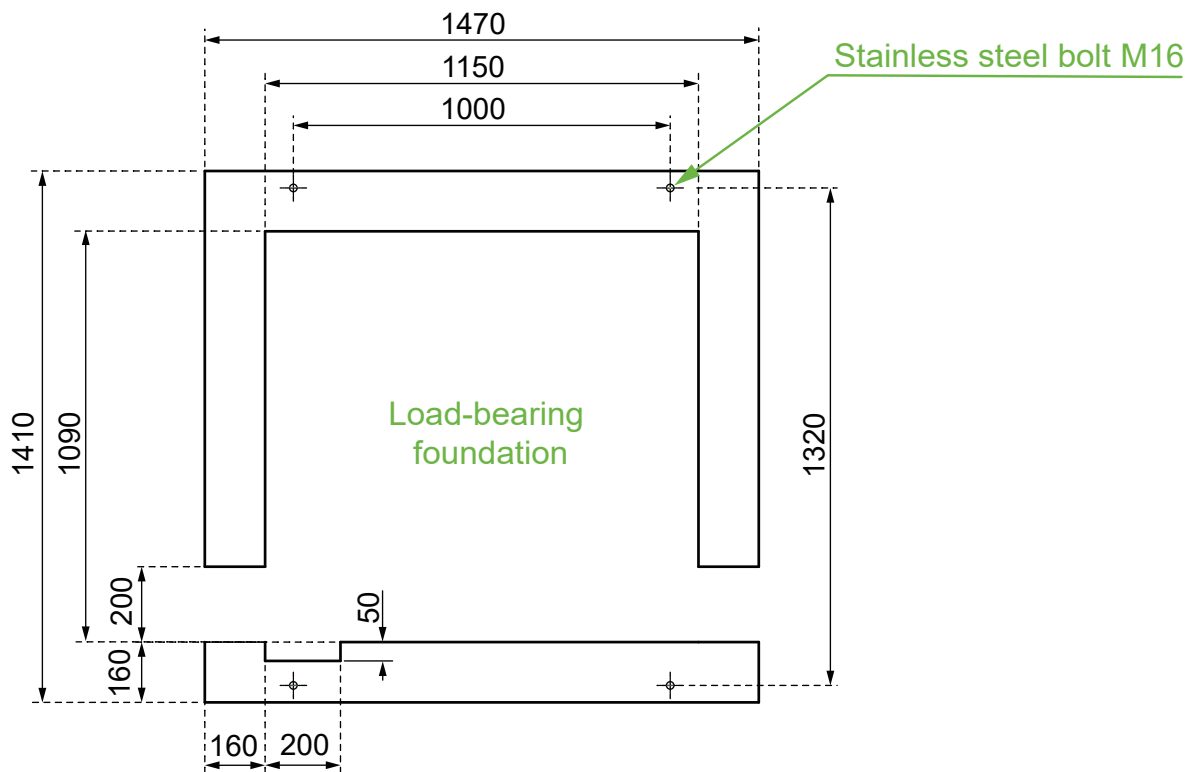
**Failure to follow these instructions can result in equipment damage.**

It is recommended to use M16 expansion bolts. The torque standard for the expansion bolt is 125 N·m.



1	Screw
2	Nut
3	Spring washer
4	Flat washer
5	Expansion pipe

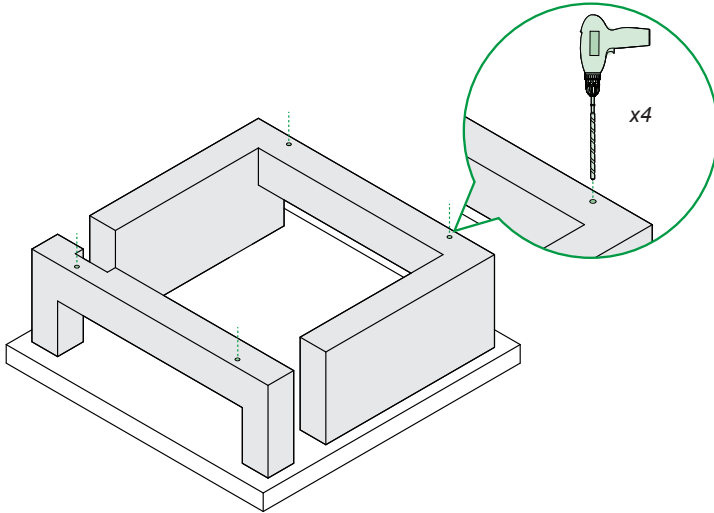
step1. After the Schneider Boost Pro is in place, drill holes on the foundation according to the position of installation holes on the foundation.



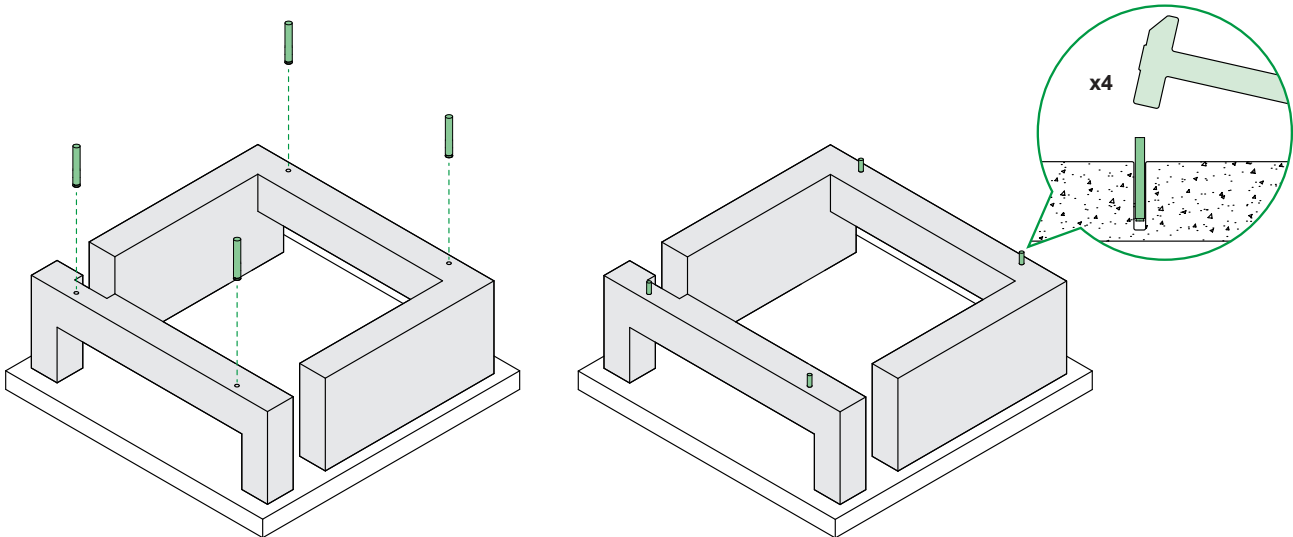
## 5.4 Installation of Schneider Boost Pro

## 5.4.3 Fixing of Schneider Boost Pro

step2. Punch holes and drill down 70mm.



step3. Insert the expansion bolts into the holes and seat them with a rubber hammer. Use a wrench to tighten the nuts on the bolt ends, then remove the nuts, spring washers, and flat washers for future use.

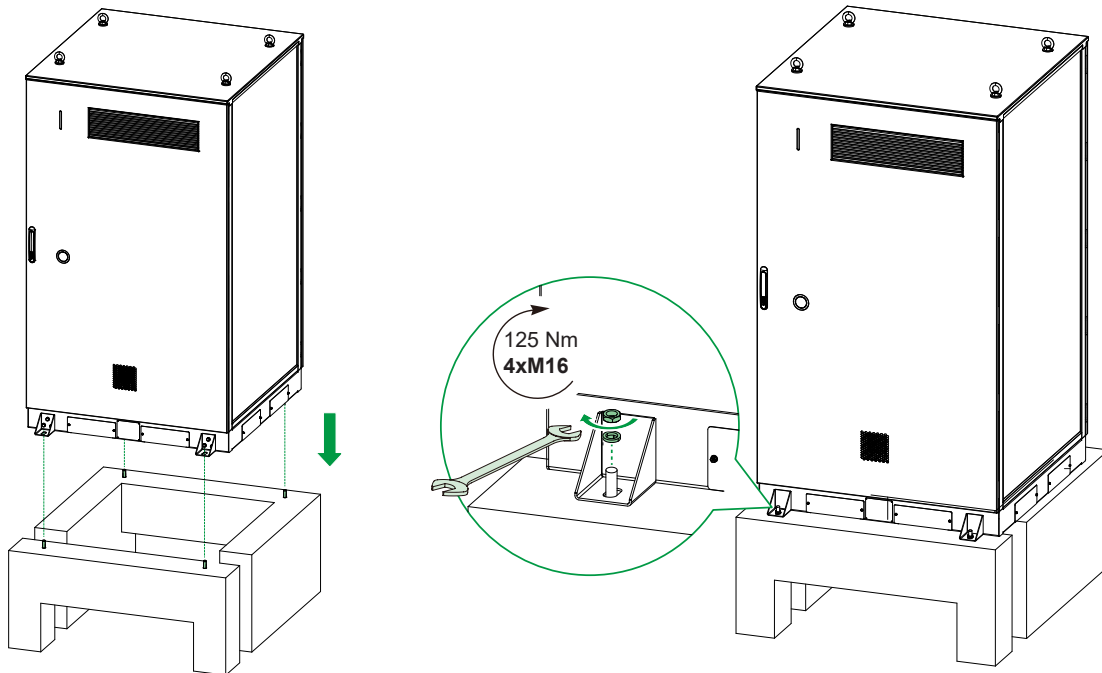


## 5.4 Installation of Schneider Boost Pro

## 5.4.3 Fixing of Schneider Boost Pro

**step4. Insert the flat washers and spring washers, and tighten the nuts.**

After tightening, apply torque markings (M16\*100), with a recommended torque value of 125.0 N•m



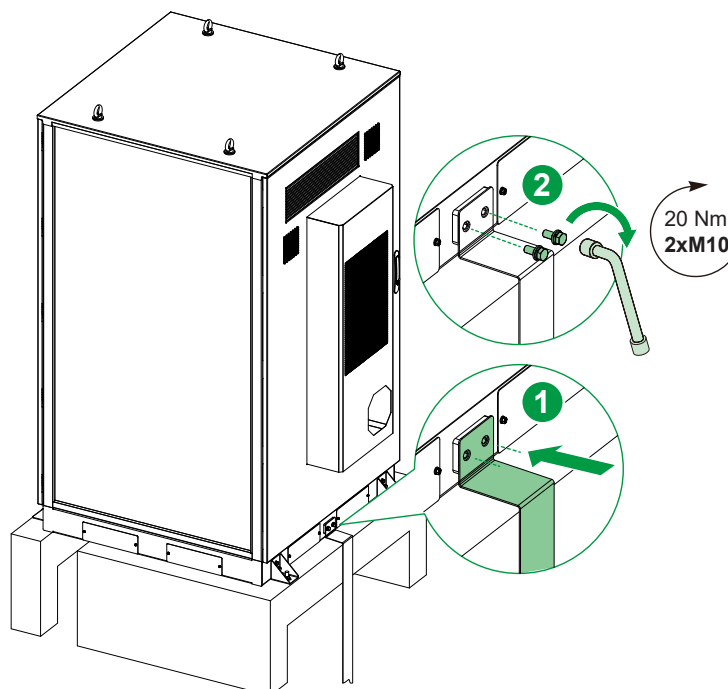
## 5.4.4 Housing Grounding Flat Iron Connection

### ⚠ DANGER

#### UNEARTHED(UNGROUND)EQUIPMENT

- Equipment earth (ground) terminals must be reliably connected to ground by appropriately sized earthing (grounding) conductors. All installations must comply with national and local codes. Consult national and local codes for specific earthing (grounding) and bonding requirements.
- When installing this equipment, install a protective earth (PE) wire first; When removing this equipment, the protective earth wire must be removed last.
- Verify that there is no damage to the earth (ground) conductor.
- Do not operate the device without a earthing (grounding) conductor installed.
- The device should be permanently connected to earth, and the protected area. Before operating this equipment, check the electrical earth connection to verify that the equipment is reliably earthed (grounded).
- The metal grounding bar required for this equipment is designed according to the safety rules for grounding systems in the IEC 60364-5-54. The final size needs to be calculated based on the actual conditions at your installation site.

**Failure to follow these instructions will result in death or serious injury.**



**⚠ DANGER****HAZARD OF ELECTRICAL SHOCK, EXPLOSION OR ARC FLASH**

- Pay attention to the positive and negative poles during wiring.
  - Smoking are prohibited near the battery.
  - Conforming fire-fighting facilities must be provided on site, such as fire sand and carbon dioxide fire extinguisher, etc.
- Failure to follow these instructions will result in death or serious injury.**

**⚠ WARNING****HAZARD OF ELECTRIC ARC OR FIRE**

- Tighten the fastening screws of copper bars or cables according to the torque specified in the text, regularly check whether they are tightened, whether there are rust, corrosion or other foreign objects, and clean them up.
  - Please use the special protective equipment and insulation tools to avoid electric shock injuries or short-circuit faults.
  - When tightening the battery connection, ensure that the terminal connection is tight and the cable is not damaged.
  - When making cables, be sure to stay away from the equipment to avoid cable debris accidentally entering the equipment, causing personal injury and equipment damage due to sparking.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**NOTICE****RISK OF EQUIPMENT DAMAGE**

The cable colors in all electrical connection diagrams in this section are for reference only. Please select according to local cable standards.  
**Failure to follow these instructions can result in equipment damage.**

**6.1 Cable Preparation**

Type	Description	Recommended Specification	Cable Source
AC input cable (*)	Grid phase L1 cable	"Conductor cross-sectional area: 70mm <sup>2</sup> Rate Voltage: 0.6/1KV"	Not included in package
	Grid phase L2 cable	"Conductor cross-sectional area: 70mm <sup>2</sup> Rate Voltage: 0.6/1KV"	
	Grid phase L3 cable	"Conductor cross-sectional area: 70mm <sup>2</sup> Rate Voltage: 0.6/1KV"	
	Grid phase N cable	"Conductor cross-sectional area: 35mm <sup>2</sup> Rate Voltage: 0.6/1KV"	
	PE cable	"Single copper core cable, Conductor cross-sectional area: 35mm <sup>2</sup> Rate Voltage: 0.6/1KV"	
Communication cable	EEAC communication cable	"Outdoor twisted pair multi-core shielded wire, Conductor cross-sectional area:0.2 mm <sup>2</sup> to 0.5 mm <sup>2</sup> "	

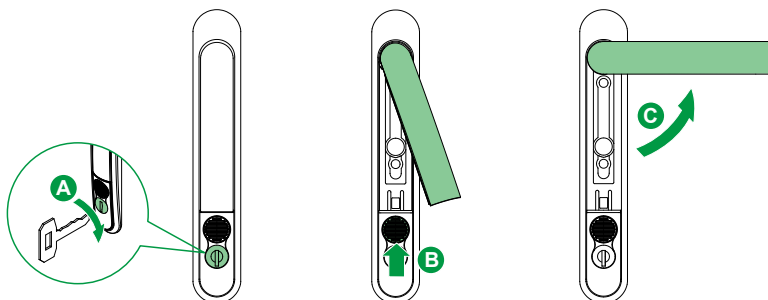
\* Recommended: N2XBY,With VDE 0276,IEC 60502-1.

**6.2 Cable Laying****⚠ WARNING****HAZARD OF PERSONAL INJURY OR EQUIPMENT DAMAGE**

Only certified personnel for under voltage on live battery work are authorized to install or connect batteries.  
**Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**⚠ CAUTION****HAZARD OF CRUSH INJURY**

The door should be secured by the locking pin when opening.  
**Failure to follow these instructions can result in injury or equipment damage.**

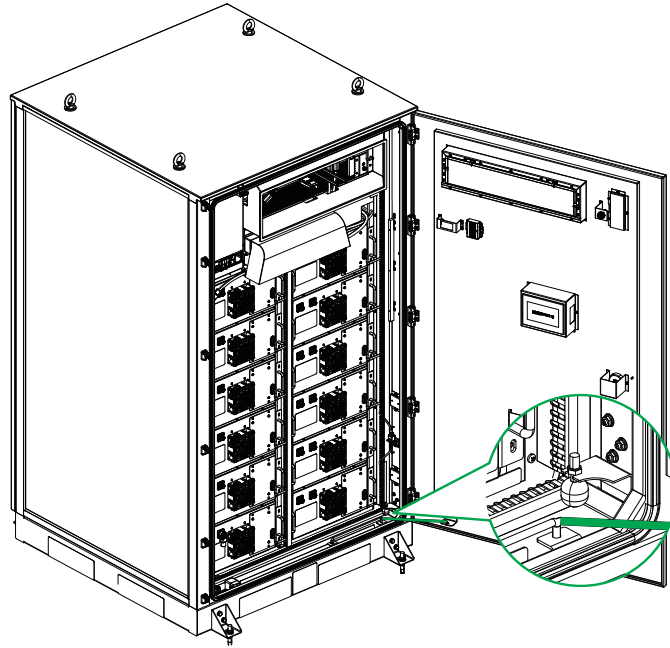
**6.2.1 Cable Connection:Inter-Pack Wiring****Step 1: Cabinet door operation**

- Insert the key and turn it counterclockwise to the vertical position.
- Press the button, and the metal door handle will pop out
- Turn the door handle counterclockwise to open the cabinet door. The door will automatically lock when it reaches its maximum opening position

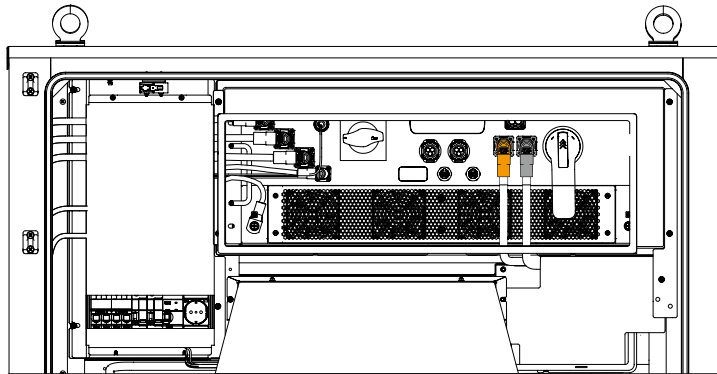
## 6.2 Cable Laying

## 6.2.1 Cable Connection: Inter-Pack Wiring

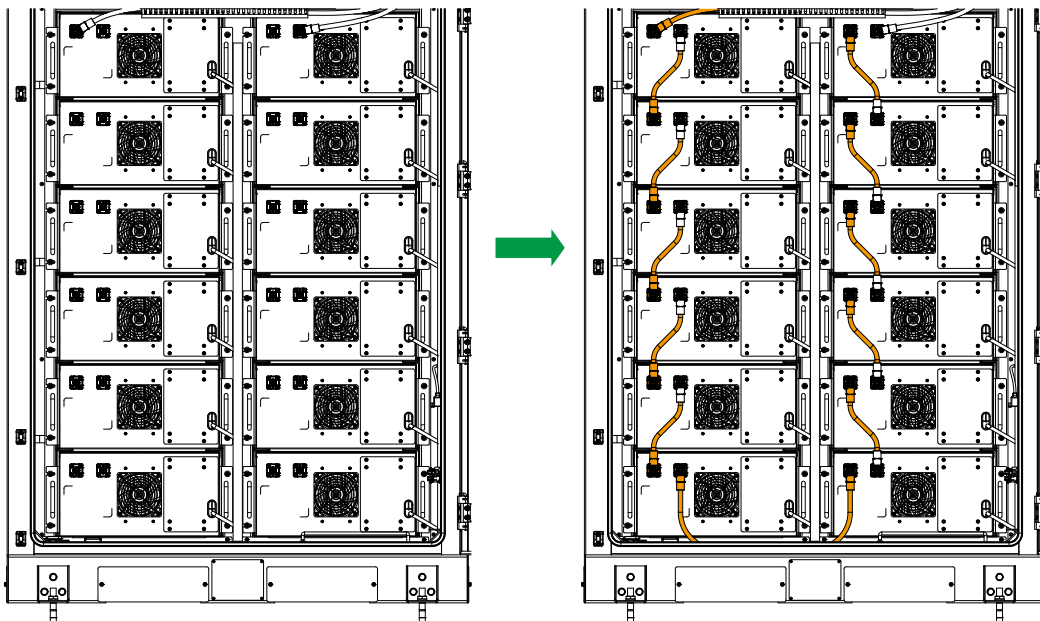
**Step 2:** Fix the locking pin after opening the cabinet door.



**Step 3:** Connect BAT+ and BAT- terminals.



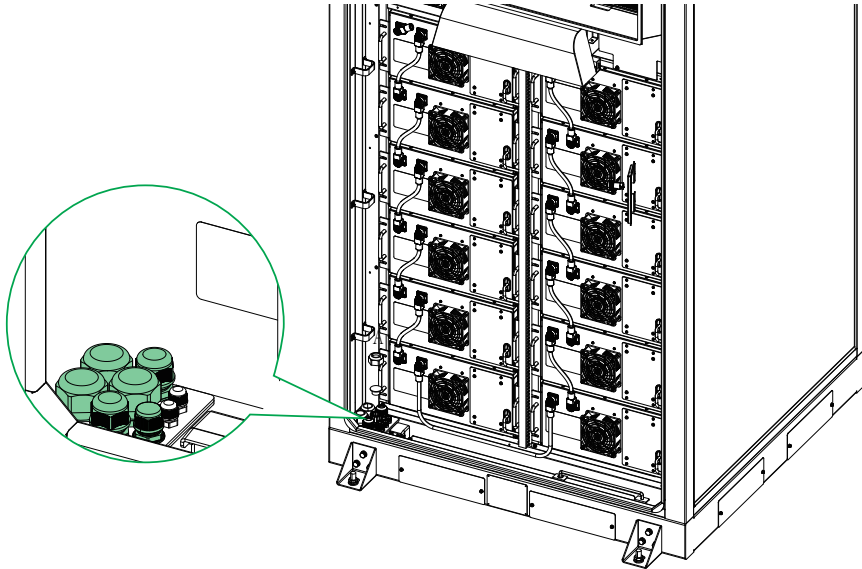
**Step 4:** Battery PACK DC Wire Connection.



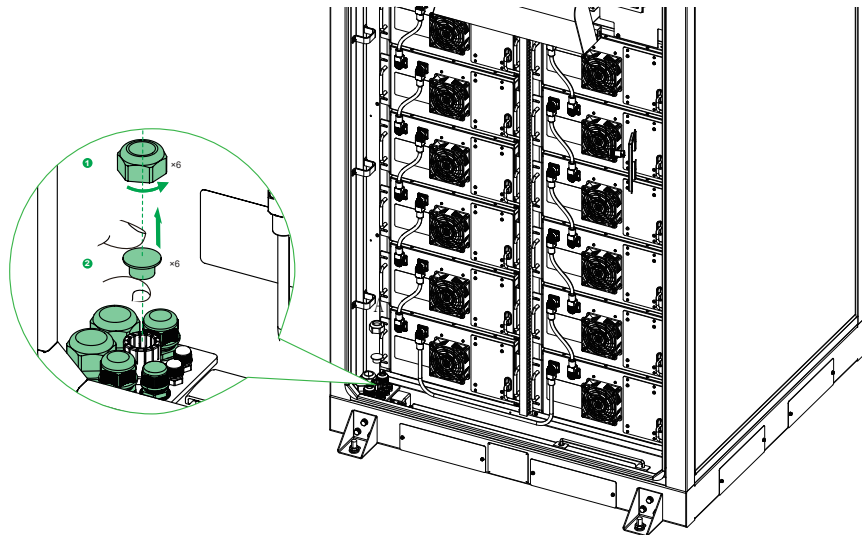
## 6.2 Cable Laying

## 6.2.2 Cable Connection: AC Input &amp; LAN Wiring

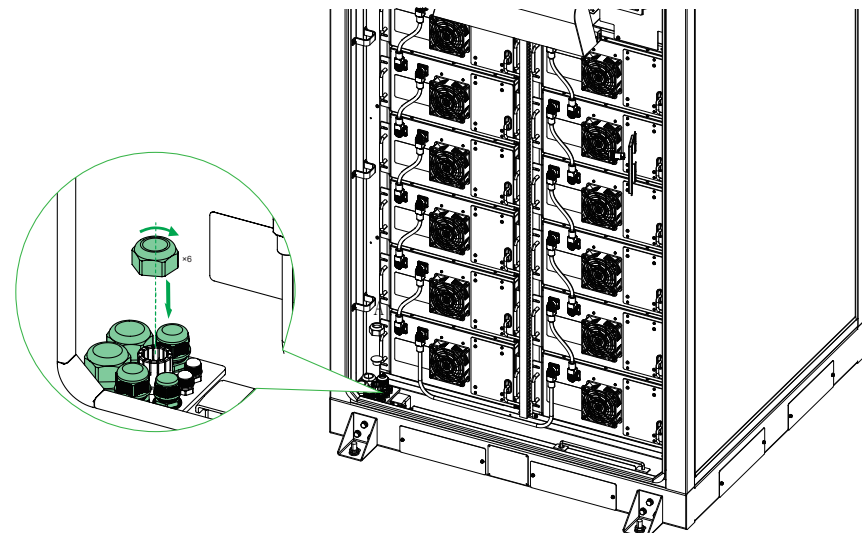
**Step 1:** Unscrew the cap of the gland head. (3W+N+PE+LAN)



**Step 2:** Remove the plug.



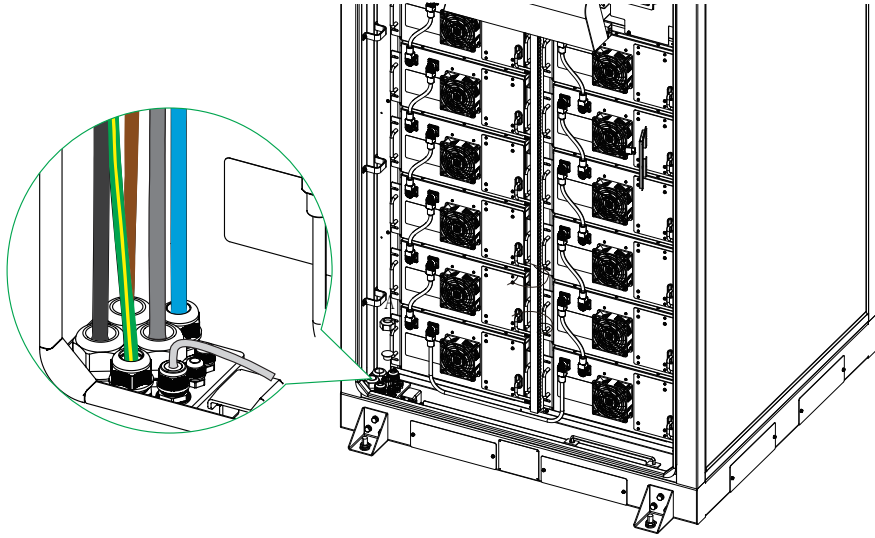
**Step 3:** Put the cap back to its original position.



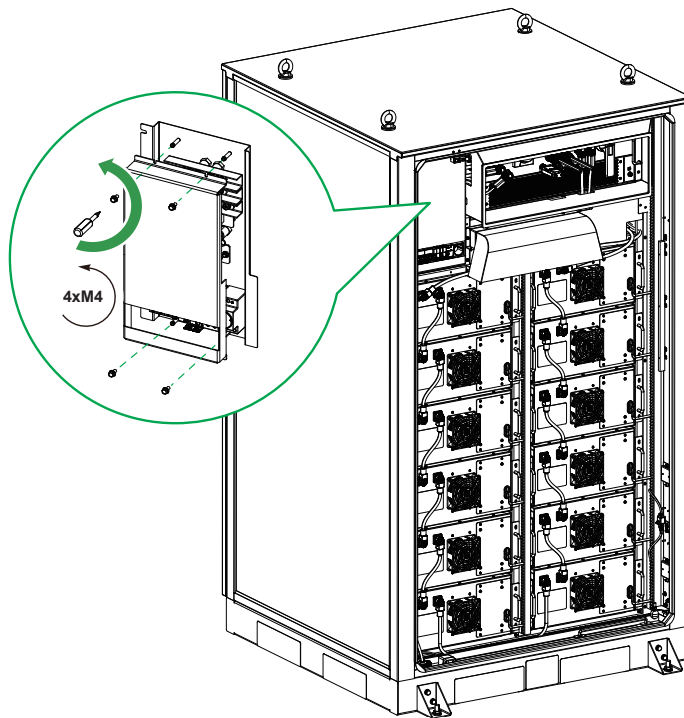
## 6.2 Cable Laying

## 6.2.2 Cable Connection: AC Input &amp; LAN Wiring

**Step 4:** Thread the wire harness through the gland at the bottom of the cabinet, strip off the armor of the wire harness in the cabinet (if any), pull up L1, L2, L3, N, and PE wire harnesses.



**Step 5:** Remove the insulation cover plate.



## 6.2 Cable Laying

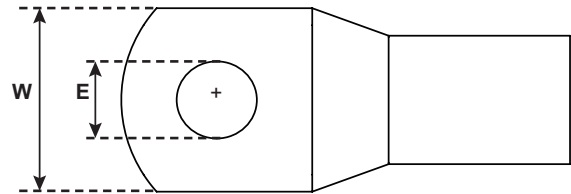
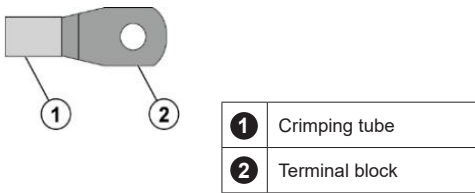
## 6.2.3 Cable Connection: Crimping Terminals

**▲ WARNING****HAZARD OF ELECTRIC SHOCK, FIRE, OR EQUIPMENT DAMAGE**

- Do not directly connect aluminum wiring terminals to terminal blocks. Otherwise, it will cause electrochemical corrosion and affect the reliability of cable connections.
  - When stripping the cables, do not scratch the wire cores.
  - Heat shrinkable sleeves are used at the cable pressing positions, so attention shall be paid to protection during the use of the heat gun to avoid damage to the equipment.
  - No wrinkles and cracks should occur during heating and shrinking.
- Failure to follow these instructions can result in death, serious injury, or equipment damage.**

**Requirements:**

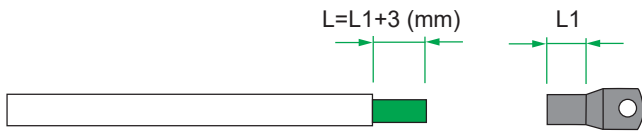
- When using copper core cables, use copper terminal blocks to achieve a proper connection between the wire cores and the terminal.



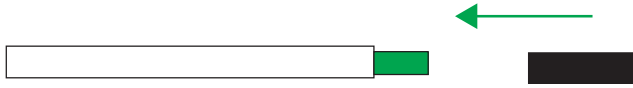
- W Recommended size: 20mm, Max.22mm
- E Recommended size: 8.4mm

## 6.2 Cable Laying

## 6.2.3 Cable Connection: Crimping Terminals



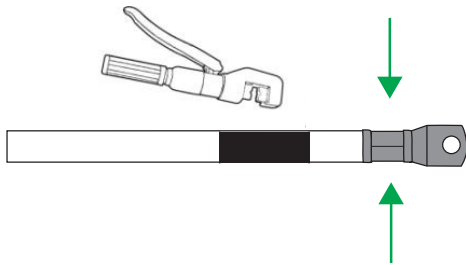
**Step 1:** Strip the insulation from the cable ends.



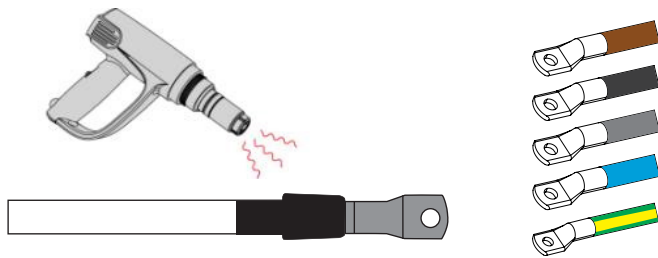
**Step 2:** Insert the heat shrinkable sleeve. Put the heat shrinkable sleeve onto the cable for later use.



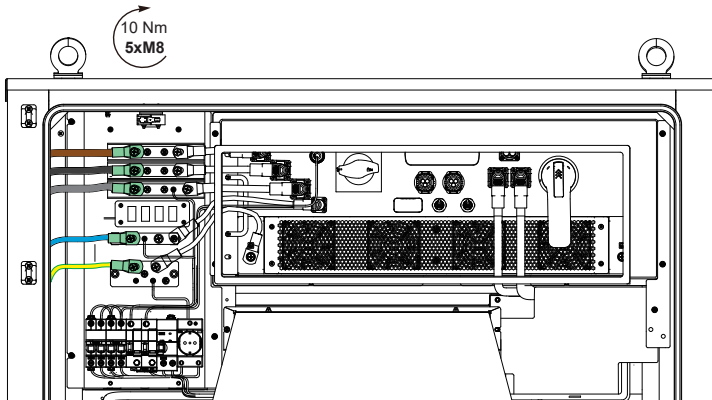
**Step 3:** Crimp the wiring terminals. Insert the exposed core part of the stripped wire end into the crimping tube of the terminal block.



**Step 4:** Use an automatic crimping machine to securely press the crimping tube of the terminal block.



**Step 5:** Tighten the heat shrinkable sleeve. Slide the heat shrink tubing over the crimping tube of the terminal block, heat it axially with a hot air blower to shrink the heat shrink tubing evenly, and wrap the crimping tube tightly.

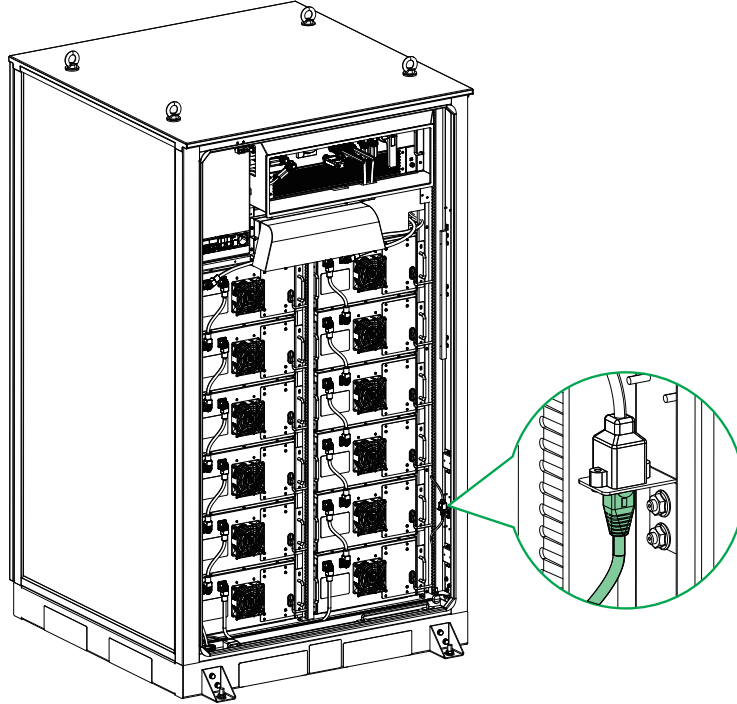


**Step 6:** Assemble to the terminal block.

## 6.2 Cable Laying

## 6.2.4 Cable Connection: Crimping Network Cables

- Step 1:** Cut the appropriate length of network cable according to actual needs, and use wire stripping pliers to remove the outer sheath.
- Step 2:** Open the Category 5e network cable and trim the excess parts. Requirement: The network cable shall be as smooth as possible. Otherwise, it will be difficult to insert the connector accurately.
- Step 3:** Insert the network cable into the RJ45 connector.
- Step 4:** Use a wire cutter to strip off excess wires.
- Step 5:** Use a crimping tool to squeeze the plug.
- Step 6:** Connect the network cable to the communication port inside the cabinet.



## 6.3 Post-installation Inspection

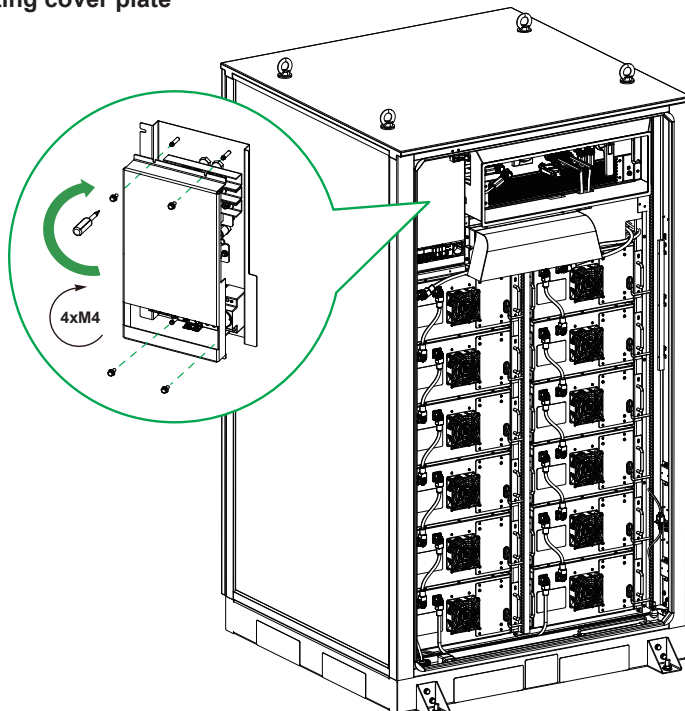
**▲ DANGER**

**HAZARD OF ELECTRIC SHOCK, EXPLOSION, ARC FLASH, AND FIRE**

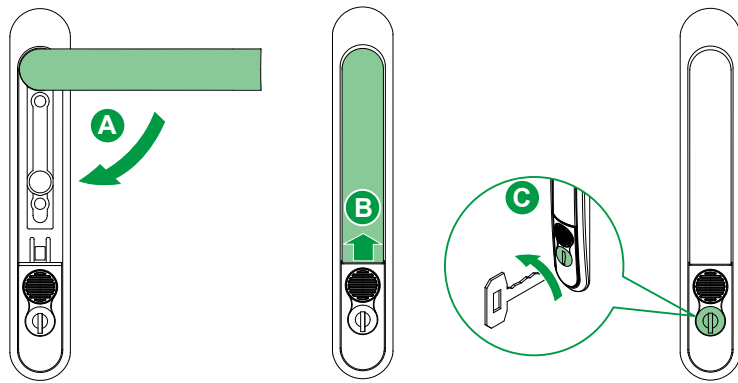
- Ensure the reliability of DC side plug connection and whether there is any loose connection.
- Ensure the reliability of grounding flat iron connection, and whether the welding quality meets the specification requirements.
- There is no loose connection.

**Failure to follow these instructions will result in death or serious injury.**

**Install the insulating cover plate**



## 6.3 Post-installation Inspection



- A. Lift bottom limit rod of cabinet and push the door inward to lock it. Turn the door handle clockwise to the vertical position to close the cabinet door.
- B. Push the door handle inward to return it to its original position, as shown in the figure.
- C. Rotate the key 180° clockwise to the vertical position and remove the key.

## 7.1 Before powering-on

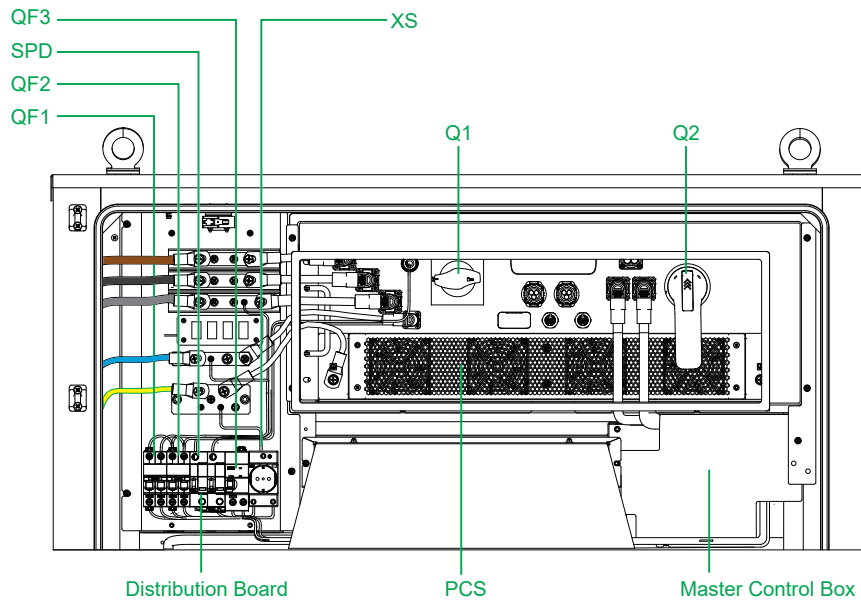
**▲ WARNING****HAZARDS EXIST IN FAILING TO INSPECT THE SCHEIDER BOOST PRO BEFORE ENERGIIZATION**

- Ensure the reliability of the equipment by inspecting the Schneider Boost Pro before energization to confirm the absence of damage, secure connections, grounding, cable insulation, cabinet doors, and no foreign objects inside.
- Ensure the external AC main circuit breaker (feeding into our cabinet) is switched ON. Once power is supplied, our system will then be able to detect and measure the voltage.
- Ensure the reliability of the electrical system by having a qualified technician complete the Pre-energization checklist and verify adherence to all applicable local electrical codes and regulations.

**Failure to follow these instructions can result in death or serious injury.**

No.	Item	Description
1	Boost pro appearance	<ul style="list-style-type: none"> <li>■ <b>Visual Condition Check:</b> <ul style="list-style-type: none"> <li>- Verify the equipment casing is free of damage, with intact paint finish (no peeling, flaking, or rust).</li> <li>- Inspect for physical deformations, cracks, or signs of overheating.</li> </ul> </li> <li>■ <b>Label Verification:</b> <ul style="list-style-type: none"> <li>- Verify that all protective labels, ratings, and warning signs are legible and properly affixed.</li> <li>- Replace any damaged or faded labels immediately using approved replacements.</li> </ul> </li> </ul>
2	Cable appearance	<ul style="list-style-type: none"> <li>■ <b>Cable Jacket Integrity:</b> <ul style="list-style-type: none"> <li>- Inspect for cuts, abrasions, swelling, or discoloration.</li> <li>- Verify no exposure of internal conductors or shielding.</li> </ul> </li> <li>■ <b>Conduit &amp; Protection System:</b> <ul style="list-style-type: none"> <li>- Inspect protective pipes to confirm they are free of dents, corrosion, or mechanical damage.</li> <li>- Confirm proper mounting and continuity of grounding conductors.</li> </ul> </li> </ul>
3	Cable connection	<ul style="list-style-type: none"> <li>■ <b>Verify that cable termination points align with design specifications.</b></li> <li>■ <b>Terminal crimping strictly follow prescribed procedures, with terminals fastened to the specified torque.</b></li> <li>■ <b>Confirm cable labels (on both ends) are legible and oriented uniformly.</b></li> </ul>
4	Input voltage	<ul style="list-style-type: none"> <li>■ <b>AC 230/400V.</b></li> </ul>
5	MCB, MCCB, ACB, DC isolation switch and other switch device	<ul style="list-style-type: none"> <li>■ <b>All are set to "OFF" status.</b></li> </ul>

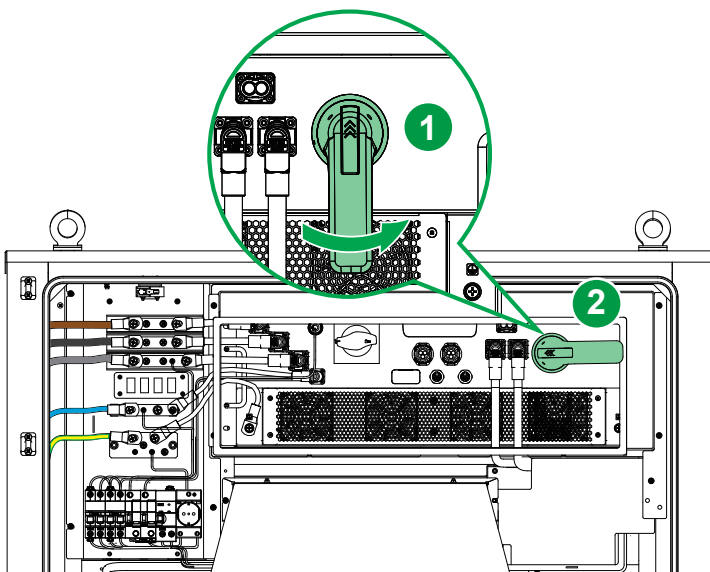
## 7.2 Equipment Switch Overview



Switch label	Equipment	Switch definition
Q1	PCS	MCB
Q2	PCS	DC isolation switch
QF1	Distribution board	MCCB for Auxiliary power
QF2	Distribution board	MCCB for Air conditioning
SPD	Distribution board	Surge Protective Device (integrated with MCB)
QF3*	Distribution board	RCBO (Residual Current Circuit Breaker with Overcurrent Protection)
XS*	Distribution board	Socket outlet

\*: These are exclusive to BAT215KPCS100K3EU1. All operational examples are demonstrated using BAT215KPCS100K3EU1. While the procedures are also applicable to BAT215KPCS100K3EU2, please note: any steps involving QF3 or XS should be skipped for BAT215KPCS100K3EU2.

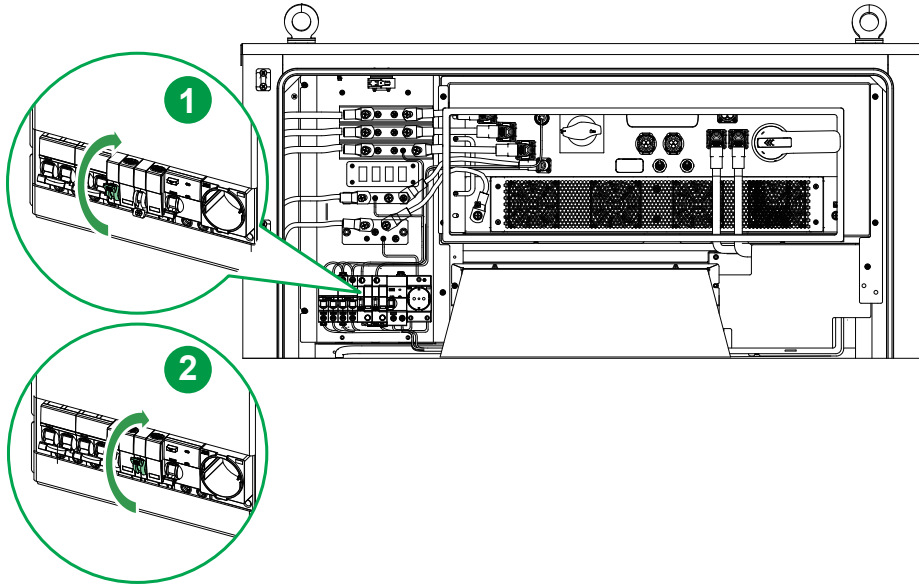
## 7.3 System power-on procedure



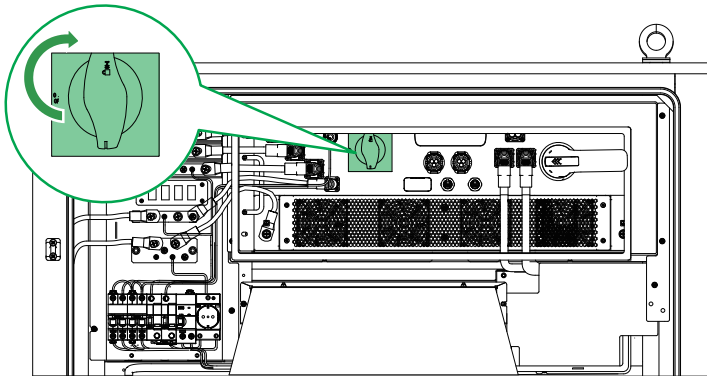
## Step 1: Grid-side input check

- Check that external AC power is available and supplied to the cabinet. Once power is supplied, our system will then be able to detect and measure voltage.
- Ensure grid-side voltage stay within grid code specification.
- Power on the PCS DC side by closing DC isolation switch Q2.

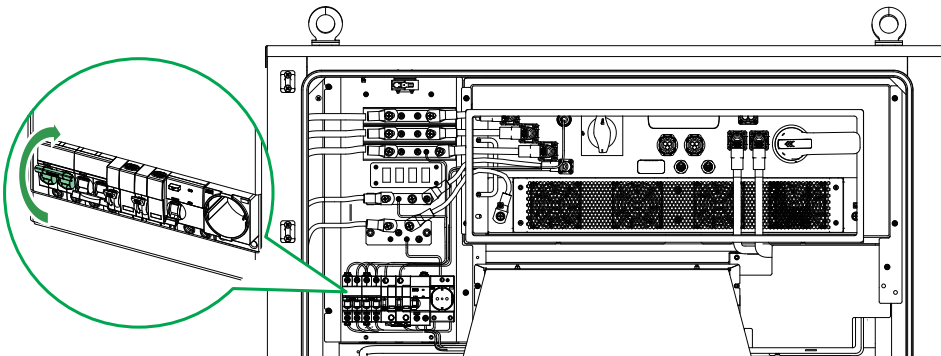
## 7.3 System power-on procedure



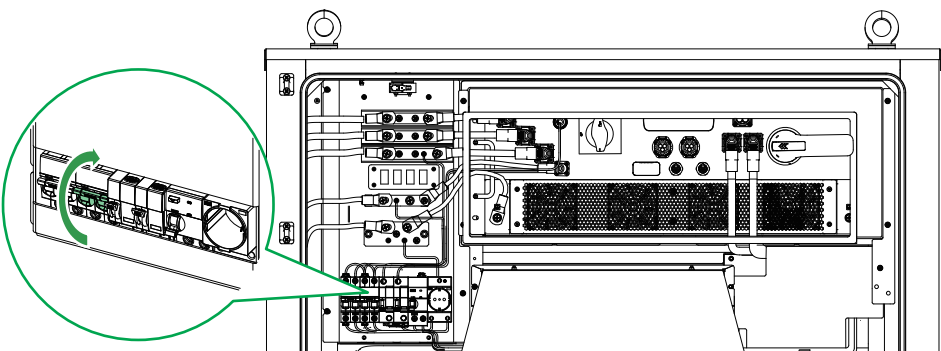
**Step 2: Switch on the integrated MCB to supply power to the SPD.**



**Step 3: Switch on MCB Q1 to supply power to the PCS AC side.**

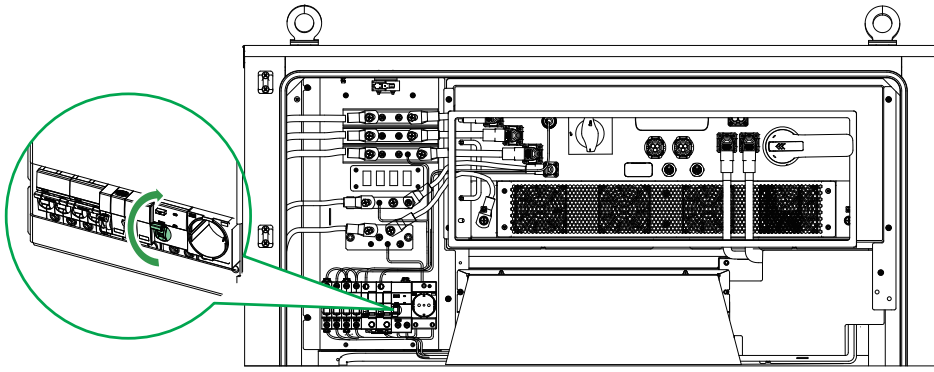


**Step 4: Switch on MCCB QF1 to supply power to the master control box.**



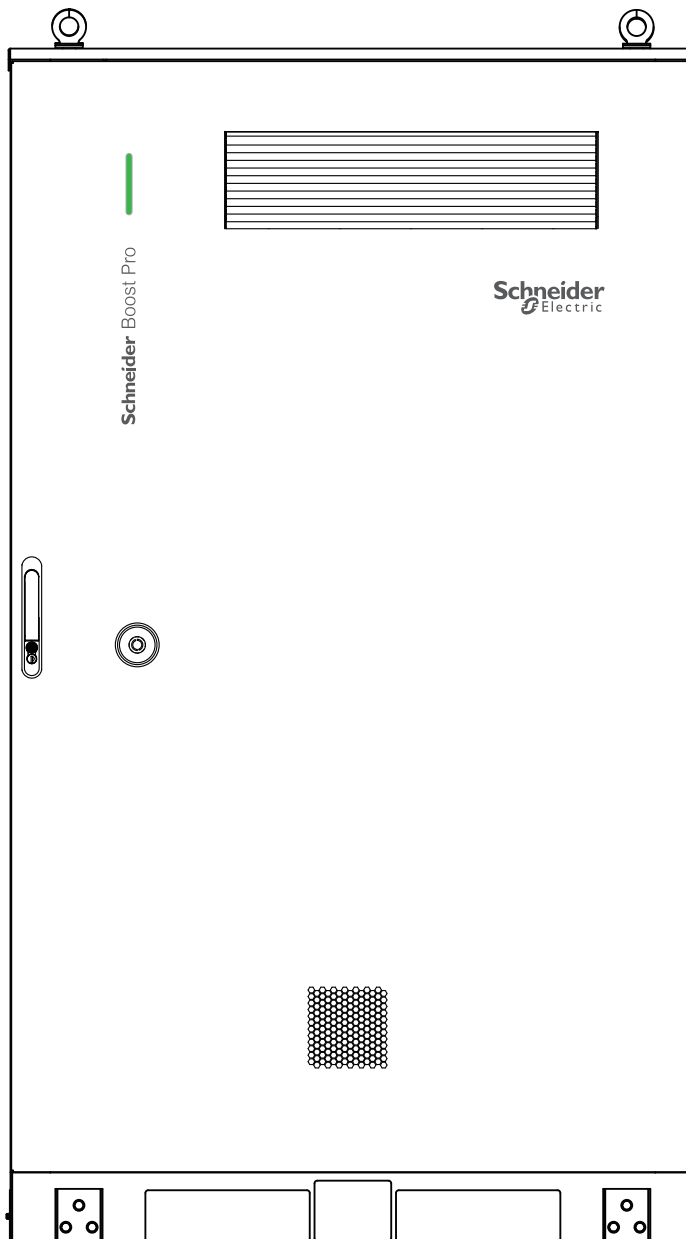
**Step 5: Switch on MCCB QF2 to supply power to the air conditioner.**

## 7.3 System power-on procedure



**\*Step 6: Switch on RCBO QF3 to supply power to the socket.**

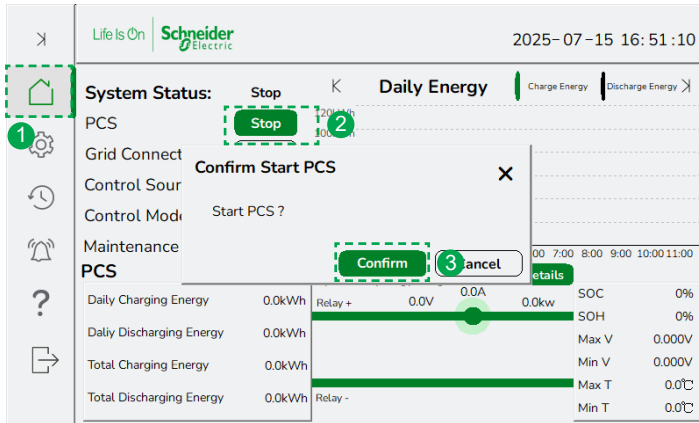
\*: These are exclusive to BAT215KPCS100K3EU1. All operational examples are demonstrated using BAT215KPCS100K3EU1. While the procedures are also applicable to BAT215KPCS100K3EU2, please note: any steps involving QF3 or XS should be skipped for BAT215KPCS100K3EU2.

**Step 7: Check after power up**

The system is running normally, the indicator light is green.

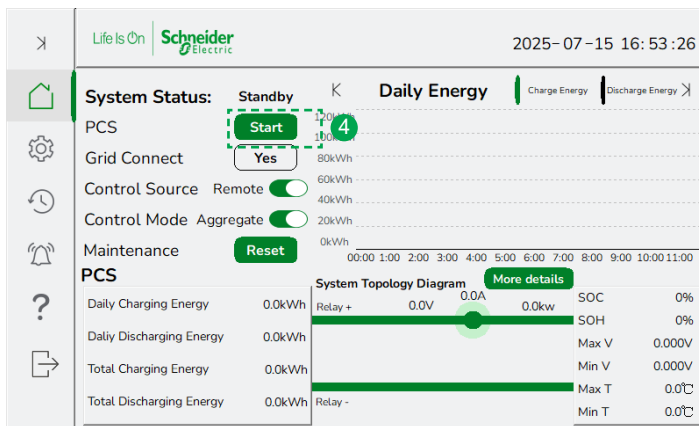
### 8.1 Local Mode

#### 8.1.1 Charge and Discharge Operation

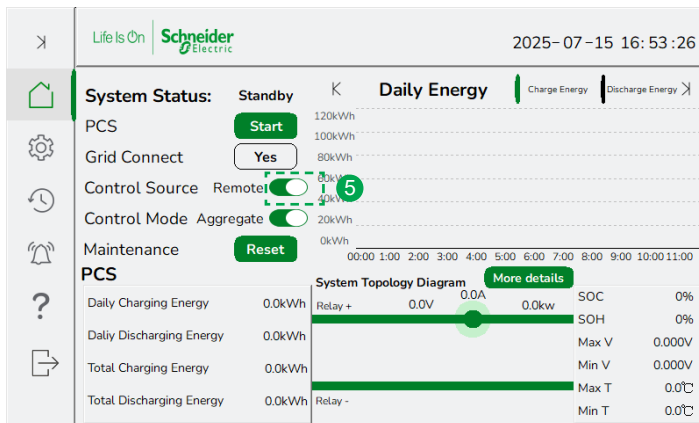


- To start the Schneider Boost Pro function, click the "Home" <sup>1</sup> icon in the menu bar to enter the main interface. On the home screen, locate the "PCS Status Bar", then change the status from Stop <sup>2</sup> to Start by clicking Confirm <sup>3</sup>.

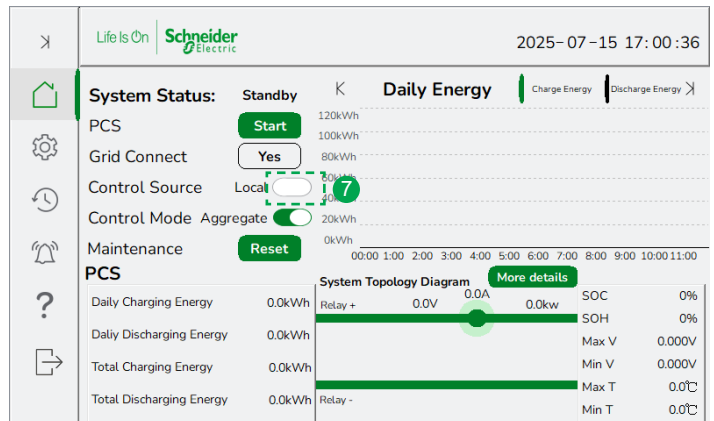
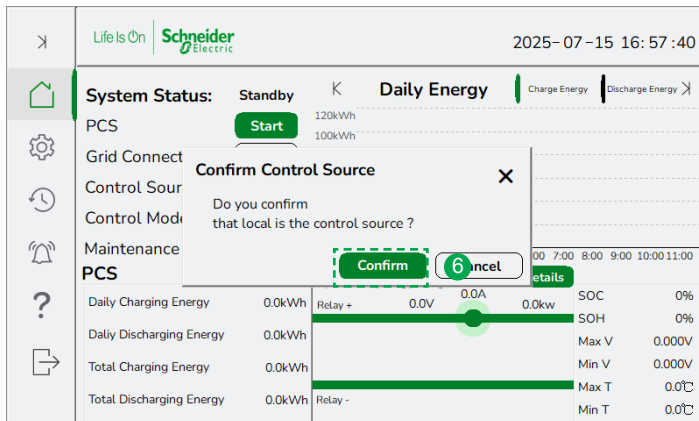
*NOTE: The HMI interface can be accessed through the web of EEAC or the screen inside the cabinet.*



- After switching to "Start" <sup>4</sup>, confirm that the PCS status bar now displays "Start" (typically shown in green). This indicates that Schneider Boost Pro is now successfully activated and ready for operation.



- If the control source status displays "Remote" <sup>5</sup> (as illustrated), confirm <sup>6</sup> the switch to Local mode <sup>7</sup> by following the steps in the left panel.

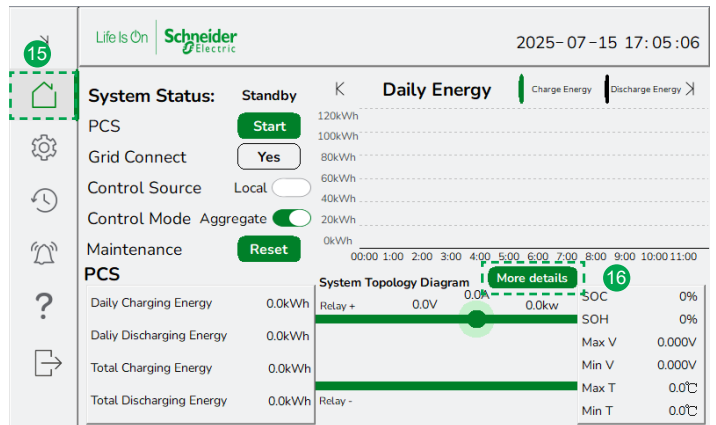
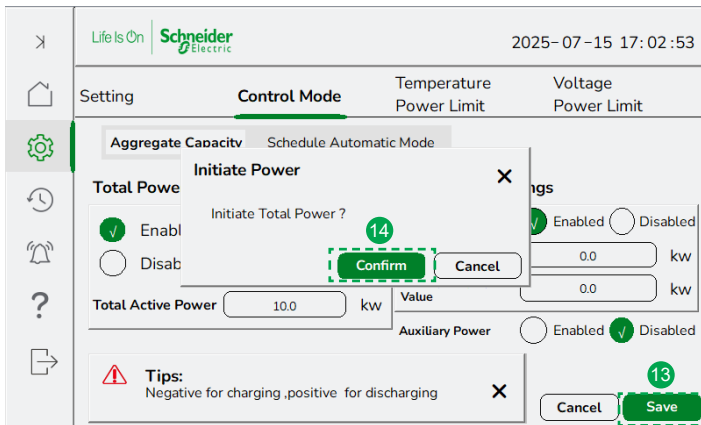
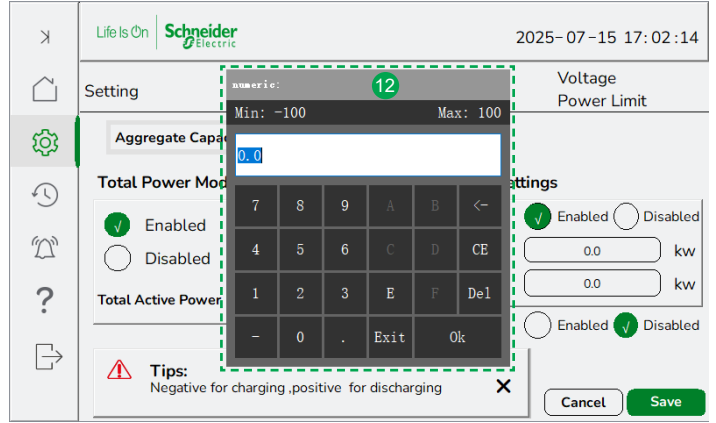
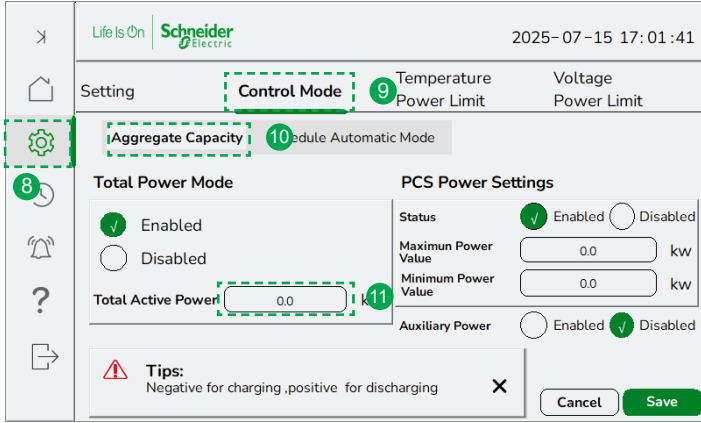


### 8.1 Local Mode

#### Power Setting Procedure

- Select the "Aggregate Capacity" <sup>8</sup> <sup>9</sup> <sup>10</sup> sub-tab to open the power input window.
- Enter the desired power value <sup>11</sup> <sup>12</sup> (in kW) in the provided field.
- Click "Save" <sup>13</sup> to submit the setting.
- Confirm the action by clicking "Confirm" <sup>14</sup> in the pop-up dialog to apply the power dispatch.
- Tap the Home <sup>15</sup>, and you can see more details <sup>16</sup> on the home page.

Note: Enter a positive value in the pop-up window to set discharge power  
 Enter a negative value to set charge power (e.g., "-50" for 50kW charging)



### 8.1 Local Mode

#### 8.1.2 Power-off Operation

Life Is On Schneider Electric 2025-07-15 17:17:41

System Status: Standby K Daily Energy Charge Energy Discharge Energy

PCS Start 120kWh

Grid Connect Yes 100kWh

Control Source Remote 20kWh 2

Control Mode Aggregate 20kWh

Maintenance Reset 0kWh

	00:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00
Daily Charging Energy	0.0kWh	System Topology Diagram										
Daily Discharging Energy	0.0kWh	Relay + 0.0V 0.0A 0.0kw SOC 0%										
Total Charging Energy	0.0kWh	SOH 0%										
Total Discharging Energy	0.0kWh	Max V 0.000V										
		Min V 0.000V										
		Max T 0.0°C										
		Min T 0.0°C										

- On the home <sup>1</sup> interface, if the control source displays "Remote" <sup>2</sup>, confirm <sup>3</sup> to switch it to "Local" <sup>4</sup> mode by following the steps in the left panel before proceeding.

Life Is On Schneider Electric 2025-07-15 17:25:38

System Status: Standby K Daily Energy Charge Energy Discharge Energy

PCS Start 120kWh

Grid Connect Yes 100kWh

Control Sour Confirm Control Source

Control Mod Do you confirm that local is the control source ?

Maintenance Reset 0kWh

PCS Confirm 3 Cancel

	00:00	7:00	8:00	9:00	10:00	11:00
Daily Charging Energy	0.0kWh	System Topology Diagram				
Daily Discharging Energy	0.0kWh	Relay + 0.0V 0.0A 0.0kw SOC 0%				
Total Charging Energy	0.0kWh	SOH 0%				
Total Discharging Energy	0.0kWh	Max V 0.000V				
		Min V 0.000V				
		Max T 0.0°C				
		Min T 0.0°C				

Life Is On Schneider Electric 2025-07-15 17:26:09

System Status: Standby K Daily Energy Charge Energy Discharge Energy

PCS Start 120kWh

Grid Connect Yes 100kWh

Control Source Local 20kWh 4

Control Mode Aggregate 20kWh

Maintenance Reset 0kWh

	00:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00
Daily Charging Energy	0.0kWh	System Topology Diagram										
Daily Discharging Energy	0.0kWh	Relay + 0.0V 0.0A 0.0kw SOC 0%										
Total Charging Energy	0.0kWh	SOH 0%										
Total Discharging Energy	0.0kWh	Max V 0.000V										
		Min V 0.000V										
		Max T 0.0°C										
		Min T 0.0°C										

Life Is On Schneider Electric 2025-07-15 17:26:47

Setting Control Mode 6 Temperature Power Limit Voltage Power Limit

Aggregate Capacity 7 Schedule Automatic Mode

Total Power Mode Enabled

PCS Power Settings Status Enabled

Maximum Power Value 0.0 kw

Minimum Power Value 0.0 kw

Total Active Power 10.0 8

Auxiliary Power Disabled

Tips: Negative for charging, positive for discharging

Cancel Save

- On the homepage settings <sup>5</sup>, navigate to the Control Mode <sup>6</sup> page. Select the "Aggregate Capacity" <sup>7</sup> sub-tab to open the power input window. Follow the procedure to set the Total Active Power value to 0 kW <sup>8</sup> <sup>9</sup>, then click "Confirm" <sup>10</sup> <sup>11</sup> to execute the power command.

Life Is On Schneider Electric 2025-07-15 17:27:17

Setting Aggregate Capacity 9

Total Power Mode Enabled

PCS Power Settings Status Enabled

Maximum Power Value 0.0 kw

Minimum Power Value 0.0 kw

Total Active Power 0

Auxiliary Power Disabled

Tips: Negative for charging, positive for discharging

Cancel Save

Life Is On Schneider Electric 2025-07-15 17:28:02

Setting Control Mode 6 Temperature Power Limit Voltage Power Limit

Aggregate Capacity 7 Schedule Automatic Mode

Total Power Initiate Power

Initiate Total Power ? 11

Confirm Cancel

Total Active Power 0.0 kw 10

Auxiliary Power Disabled

Tips: Negative for charging, positive for discharging

Cancel Save

### 8.1 Local Mode

#### 8.1.2 Power-off Operation

The screenshot shows the main interface with the 'System Status' set to 'Standby'. A 'Start' button (13) is highlighted for the PCS. A 'Confirm Stop PCS' dialog box (14) is open, asking 'Stop PCS?' with 'Confirm' and 'Cancel' buttons.

Energy Type	Value	Relay +	Relay -	Relay + Voltage	Relay - Voltage	Relay + Current	Relay - Current	Power	SOC	SOH	Max V	Min V	Max T	Min T
Daily Charging Energy	0.0kWh			0.0V		0.0A		0.0kw	0%	0%	0.000V	0.000V	0.0°C	0.0°C
Daily Discharging Energy	0.0kWh													
Total Charging Energy	0.0kWh													
Total Discharging Energy	0.0kWh													

- Click the "Home" (12) icon in the menu bar, then follow the on-screen steps to shut down the PCS (13, 14, 15).

The screenshot shows the 'System Status' set to 'Stop'. A 'Stop' button (15) is highlighted for the PCS. A 'Confirm Stop PCS' dialog box is open with a 'Yes' button and a 'Reset' button.

Energy Type	Value	Relay +	Relay -	Relay + Voltage	Relay - Voltage	Relay + Current	Relay - Current	Power	SOC	SOH	Max V	Min V	Max T	Min T
Daily Charging Energy	0.0kWh			0.0V		0.0A		0.0kw	0%	0%	0.000V	0.000V	0.0°C	0.0°C
Daily Discharging Energy	0.0kWh													
Total Charging Energy	0.0kWh													
Total Discharging Energy	0.0kWh													

- In the Control Mode interface, navigate to the Aggregate Capacity tab (16, 17, 18) to disable Auxiliary Power (19), then disconnect the device by following Chapter 9 instructions.

The screenshot shows the 'Control Mode' interface with the 'Aggregate Capacity' tab (16) selected. The 'Auxiliary Power' status is 'Enabled' (19). The 'Total Active Power' is 0.0 kw.

Setting	Value
Total Power Mode	Enabled
Auxiliary Power	Enabled
Maximum Power Value	0.0 kw
Minimum Power Value	0.0 kw
Total Active Power	0.0 kw

The screenshot shows the 'Control Mode' interface with the 'Aggregate Capacity' tab (16) selected. The 'Auxiliary Power' status is 'Disabled' (20). The 'Total Active Power' is 0.0 kw.

Setting	Value
Total Power Mode	Enabled
Auxiliary Power	Disabled
Maximum Power Value	0.0 kw
Minimum Power Value	0.0 kw
Total Active Power	0.0 kw

### 8.2 Remote Mode

To integrate your Schneider Boost Pro with the EEAC, you need to set the HMI to Remote Mode.

Once enabled:

The EEAC will take full control of all energy operations, including charging and discharging management of the storage cabinet.

You can centrally monitor and dispatch the energy storage system via the EEAC platform.

Note: In this mode, direct charging/discharging operations cannot be initiated through the local HMI model.

Life Is On Schneider Electric 2025-07-15 17:37:57

System Status: Stop K Daily Energy Charge Energy Discharge Energy

PCS Stop 120kWh  
Grid Connect Yes 100kWh  
Control Source Local 2 60  
Control Mode Aggregate 40kWh  
Maintenance Reset 20kWh

System Topology Diagram More details  
Relay + 0.0V 0.0A 0.0kw SOC 0%  
SOH 0%  
Max V 0.000V  
Min V 0.000V  
Max T 0.0°C  
Min T 0.0°C

- Click the Home (1) icon in the menu bar and verify that the control source status is set to Local (2).

Life Is On Schneider Electric 2025-07-15 17:39:04

Setting 4 Control Mode Temperature Voltage  
Power Limit Power Limit

Network 5 Timing

IP Address 6 192 168 1 22  
Subnet Mask 255 255 255 0  
Default Gateway 192 168 1 1  
Remote Modbus Address 1

Tip: After saving the system parameter changes for 3 seconds, please power off and restart the device!

Cancel Save 7

- In the Settings (3) submenu, navigate to the Network (5) tab. Click on the IP (6) address field you wish to modify and enter the new IP address for the Schneider Boost Pro. (For detailed reference, see Chapter 5 of the 'Schneider Boost Pro & EEAC Integrated System Commissioning User Manual'.).

Life Is On Schneider Electric 2025-07-15 17:39:49

Setting Control Mode Temperature Voltage  
Power Limit Power Limit

Network Timing

Initiate IP  
Initiate Network Parameters ?  
IP Address  
Subnet Masl  
Default Gateway 192 168 1 1  
Remote Modbus Address 1

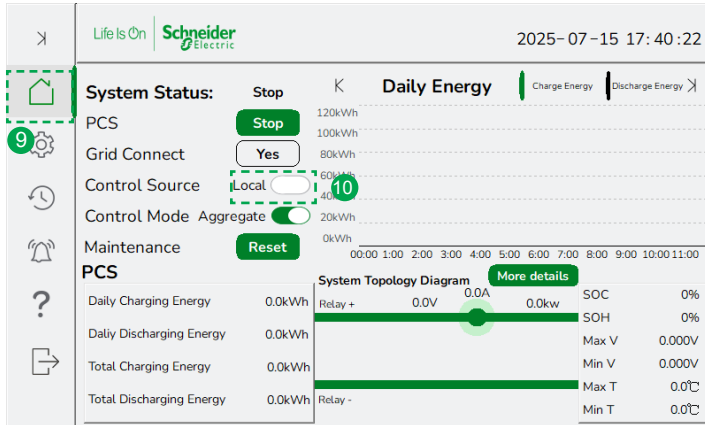
Confirm 8 Cancel

Tip: After saving the system parameter changes for 3 seconds, please power off and restart the device!

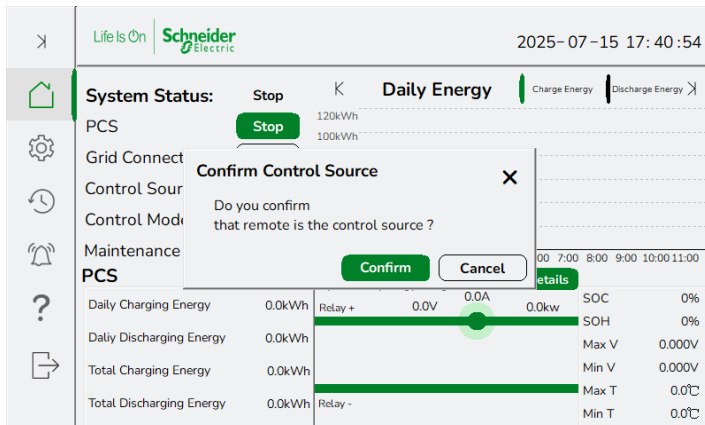
Cancel Save 7

- After completing the IP configuration, click "Confirm" (8) to apply the new address settings.

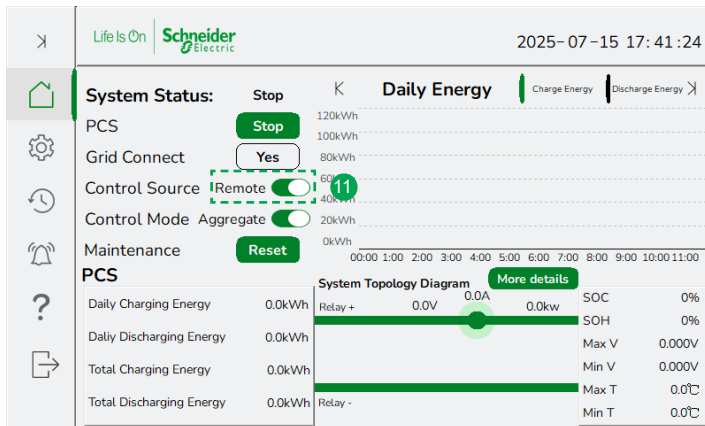
### 8.2 Remote Mode



- Return to the Home screen by tapping the Home <sup>9</sup> icon on the display, then select Control Source <sup>10</sup> to proceed with configuration.



- A confirmation prompt will appear on-screen, asking whether to proceed with switching to remote control mode. Carefully review the message, then tap "Confirm" <sup>11</sup> to complete the transition.



- After completing the operation, check the screen to confirm the current control mode is clearly displayed as Remote <sup>12</sup>. This indicates a successful switch, and the Schneider Boost Pro can now be controlled by the EEAC system. For subsequent operations, please refer to the EEAC User Manual.

## 9.1 Procedure

**NOTICE****HAZARD OF EQUIPMENT DAMAGE**

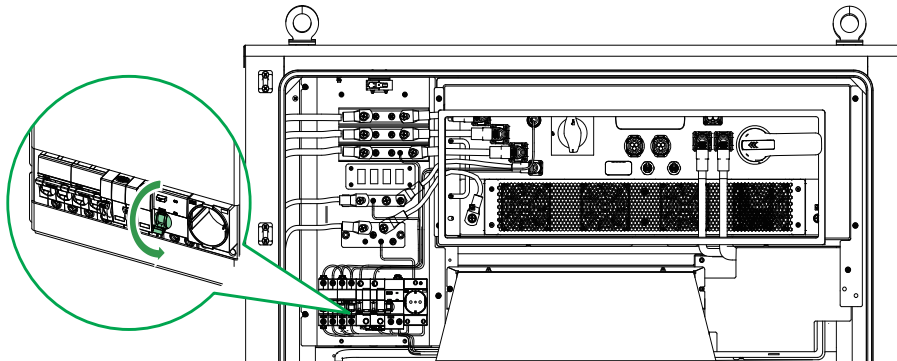
A qualified technician shall execute de-energization operations.

**Failure to follow these instructions can result in equipment damage or incorrect operation.**

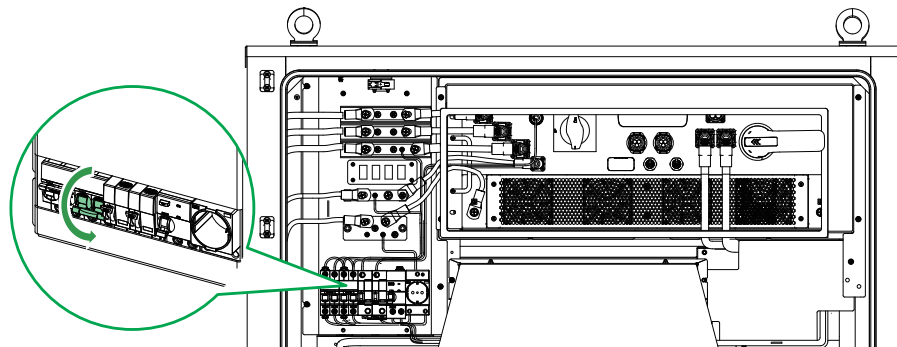
Following the shutdown of the Human-Machine Interface (HMI) as detailed in Section 8.1.2, sequentially perform the steps below to achieve complete system de-energization.

**\*Step 1: Switch off RCBO QF3 to disconnect power from the socket.**

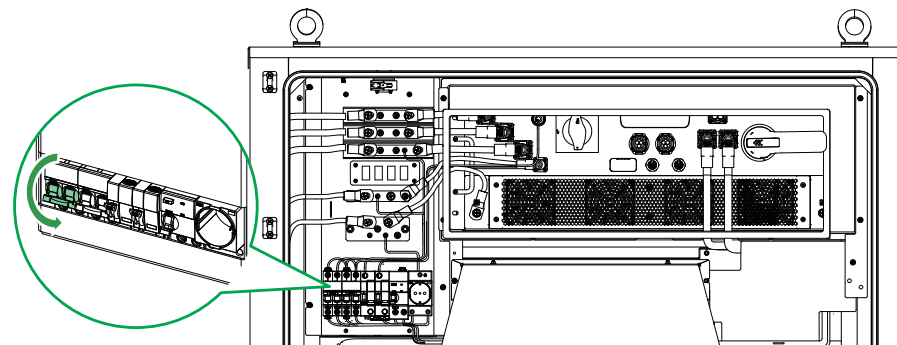
\*: All operational examples are demonstrated using BAT215KPCS100K3EU1. While the procedures are also applicable to BAT215KPCS100K3EU2, please.



**Step 2: Switch off MCCB QF2 to disconnect power from the air conditioner.**

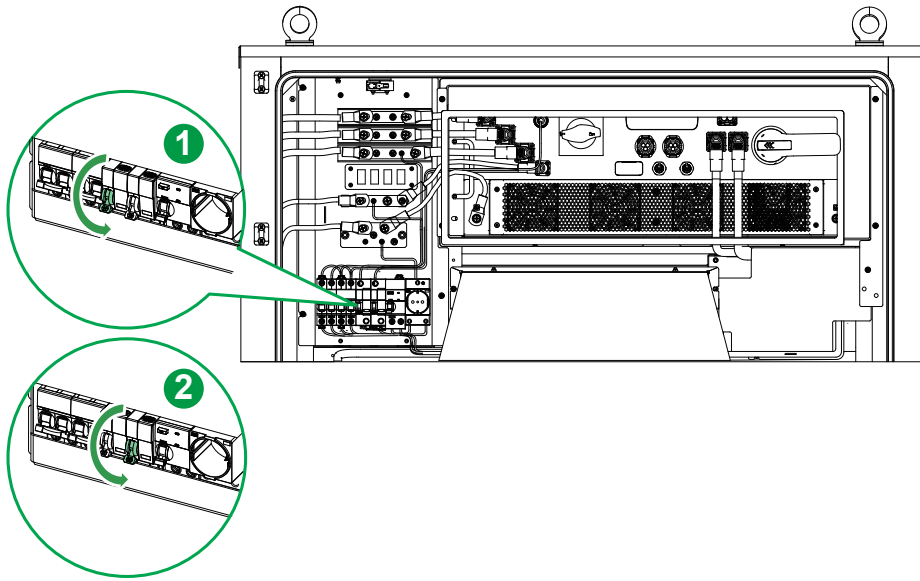


**Step 3: Switch off MCCB QF1 to disconnect power from the master control box.**

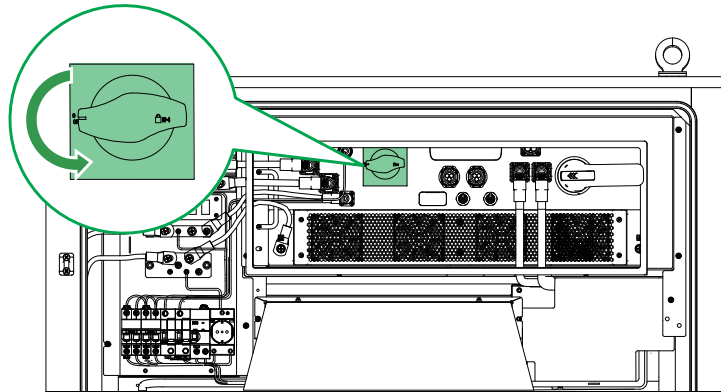


## 9.1 Procedure

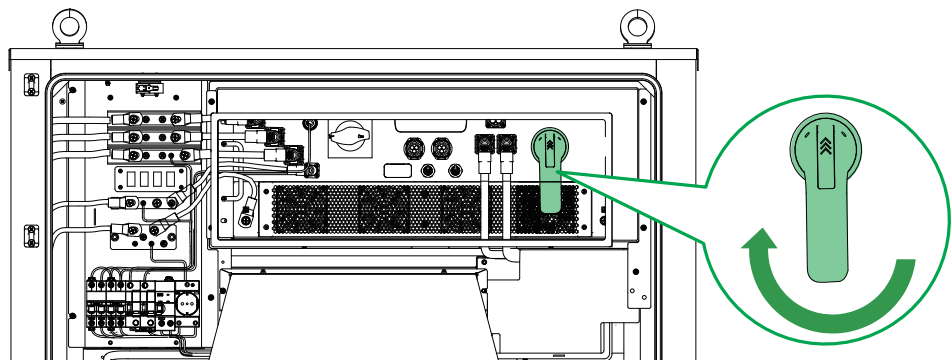
Step 4: Switch off the integrated MCB to disconnect power from the SPD.



Step 5: Switch off MCB Q1 to disconnect power from the PCS AC side.



Step 6: Switch off DC isolation switch Q2 to disconnect power from the PCS DC side.



## **NOTICE**

### **RISK OF ENVIRONMENT POLLUTION**

- Schneider does not handle battery recycling. Customers are required to contact local recycling agencies for disposal.
  - If no local recycling agency is available, customers are advised to contact the nearest national recycling agency for assistance.
- Failure to follow these instructions can result in legal consequence.**

**Step 1:** Contact the nearest recycling agency.

**Step 2:** The recycling agency evaluates the recycling costs.








**Step 3:** The recycling agency proceeds with the recycling process, which includes two methods:

- On-site Pickup: The agency can collect the lithium batteries on-site, but pricing depends on factors such as distance and transportation costs.
- Centralized Collection: The customer gathers all lithium batteries to be recycled in one location, and the agency collects them in bulk.

**Step 4:** The recycling company handles the entire recycling process. Once collected, the company assumes full responsibility for the batteries, and no further customer involvement is required.

Note: All transportation and related costs associated with recycling shall be covered by the customer.

**Inspection Checklist**

Inspection items	Test Method	Acceptance Standards	Tool	Frequency	Shutdown Required
Door lock	Check whether the front and rear door locks are damaged or rusty	The door lock is intact with no damage, and there are no rust marks on the lock.		Weekly or Monthly	No
Cabinet firmness and Grounding flat iron	Inspect fixing nut	The fixed screw marks show no signs of deviation.		Weekly or Monthly	No
The environment around the cabinet	Inspect around the cabinet	There are no flammable, combustible materials, debris, or weeds around the cabinet.		Weekly or Monthly	No
Air conditioner drain pipe	Inspect	Drain pipe is not blocked.		Weekly or Monthly	No
The air inlet and outlet	Inspect	No debris blocking the air inlet and outlet.		Weekly or Monthly	No
Indicator lights	Inspect	Check if the Schneider Boost Pro is operating normally. Green light indicates normal operation. Yellow light means please wait, and it can respond on its own. Red light requires contacting professional maintenance personnel.		Weekly or Monthly	No
Cabinet appearance	Visual inspection of the overall appearance of the machine	No obvious surface coating peeling or rust.		Weekly or Monthly	No

