Understanding SC1050 Smart Super Charger

△/○/▽ Buttons

Dust Filter
Cooling Fan
Air Inlet

Screen

exway

Output

Input
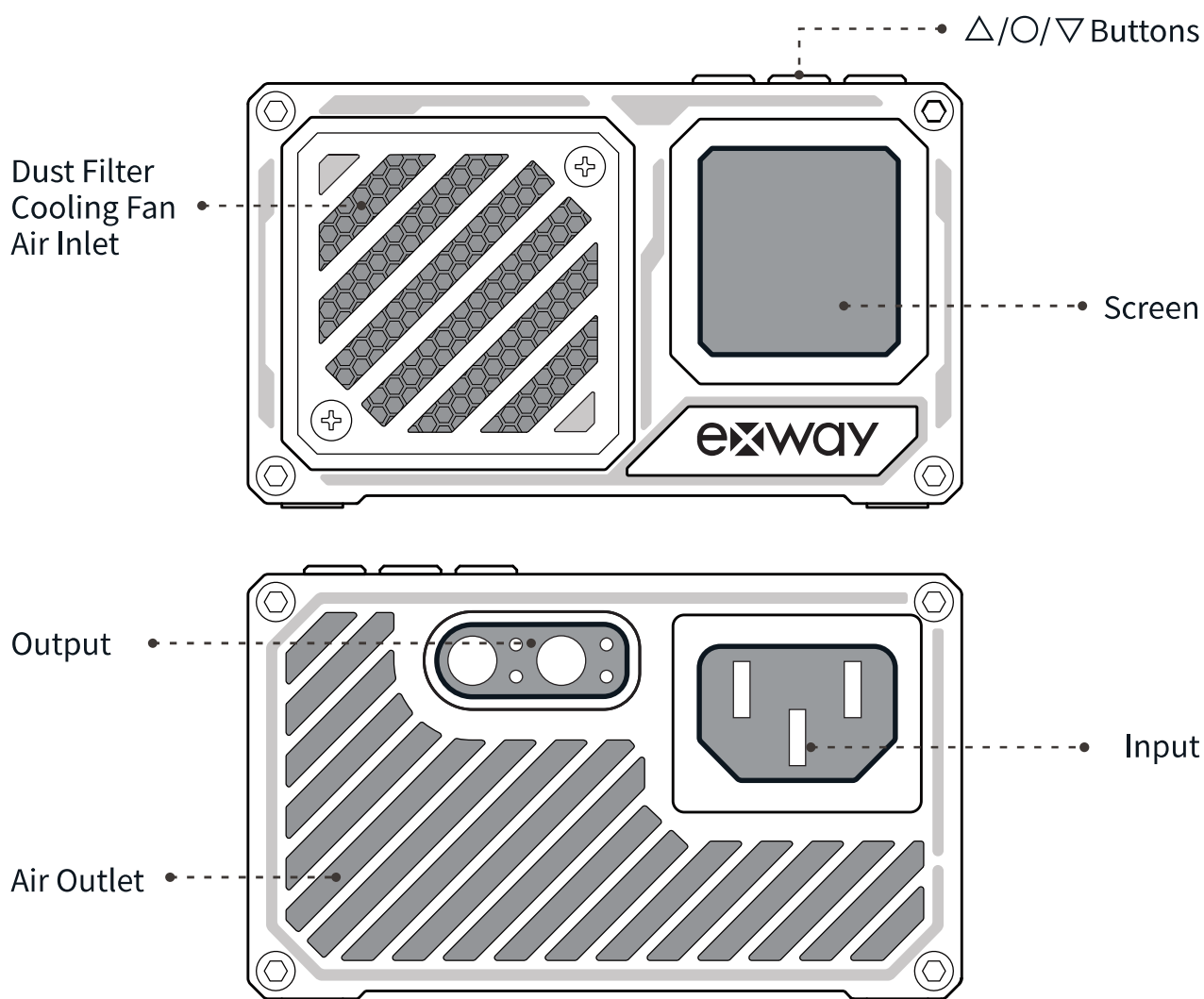
Air Outlet

Specifications

AC Input: 100~240V 45~65Hz
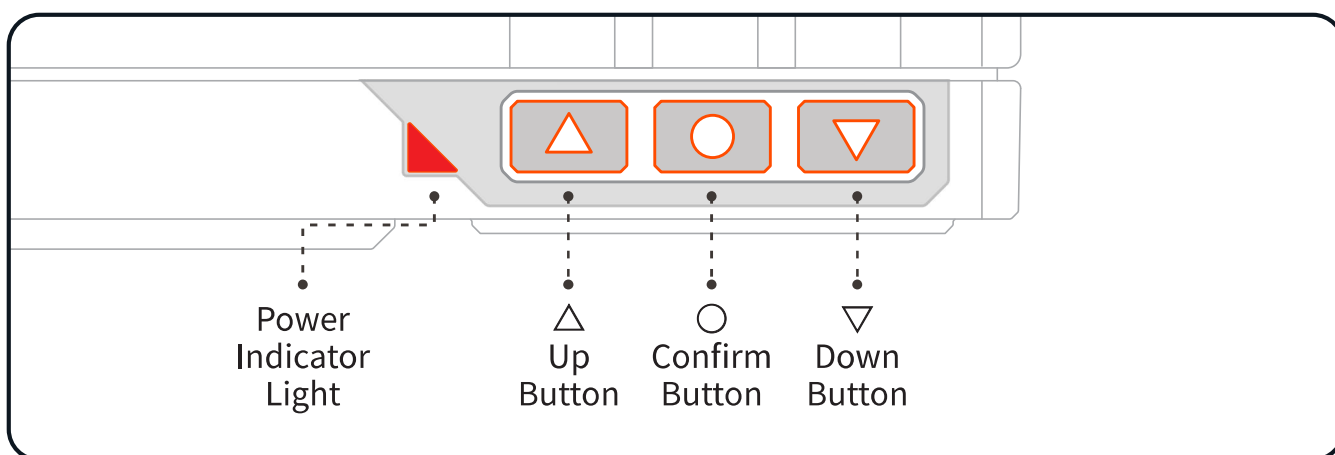DC Input: 380~410V
Output: 42~92.4V (10~22S)
Output response time: 5 seconds
Operating temperature :-20~45°C
Total Output Power: 1050W Max
LED Indicator: Green ≤0.5A

⚠ Before charging, make sure the device you want to charge is compatible with and within the supported range of this charger. Otherwise, it could cause damage!
⚠ Warranty does not cover damage or malfunctions resulting from improper use!

Buttons and Quick Operations

Power Indicator Light

△ Up Button

○ Confirm Button

▽ Down Button

Indicator Lights

🔻 Red Indicator Light: Charging
🔻 Green Indicator Light: Fully Charged
🔻 Blue Indicator Light: Not Charging

Operation Instruction Description

△Button: Short Press (Up),
                Long Press (Fast Up)
▽Button: Short Press (Down),
                Long Press (Fast Down)
○Button: Short Press (Confirm),
                Long Press (Enter/Exit Menu)
△+▽Button: Long Press (Start/Stop Charging)

Operation Area Description (Optional)

Status/ Device Name

Preset Plan (Current)

Charging Parameters (Current)

Start Charging

Enter Menu

Stop Charging

Switch Graph Display

Switch Fan Mode

⚠ Fully Charged Determination: When the voltage reaches the maximum set point, the charging switches to constant voltage mode. If the charging current drops below 0.5A, the indicator light turns green;

⚠ Entering Menu: Settings menu cannot be entered while charging. To change settings, stop charging first.

EC+ Charging Mode (For some Exway devices)

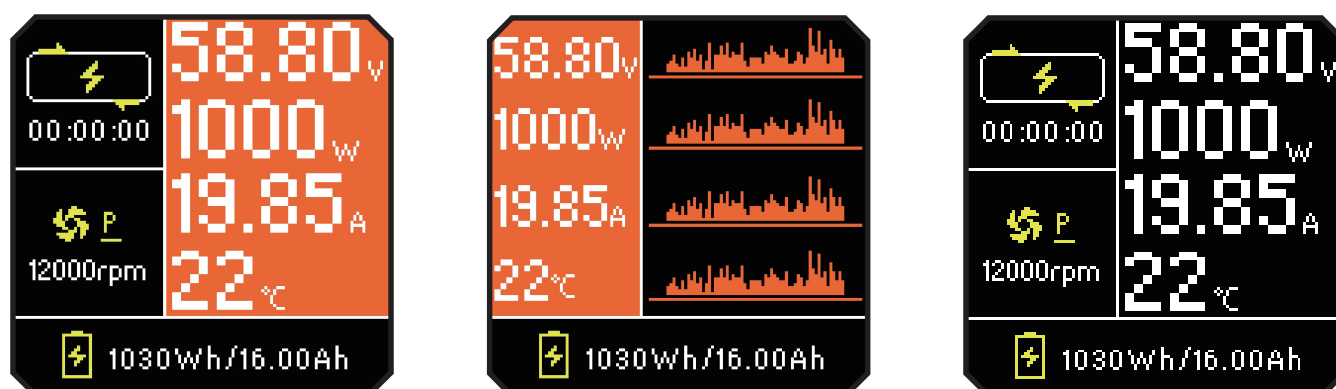| Disconnect	Flex Paragon	
DIY1	Auto	58.80v
58.80v ⚙ Q	58.80v ⚙ P	1000w
58.80v 8.00A	58.80v 8.00A	19.85A
Charge ☰	**Charge** ☰	22℃

Connect the device to be charged ➡ Select "Start Charging" and press the "○ Button" to start ➡ Charging

Charging, switch chart display

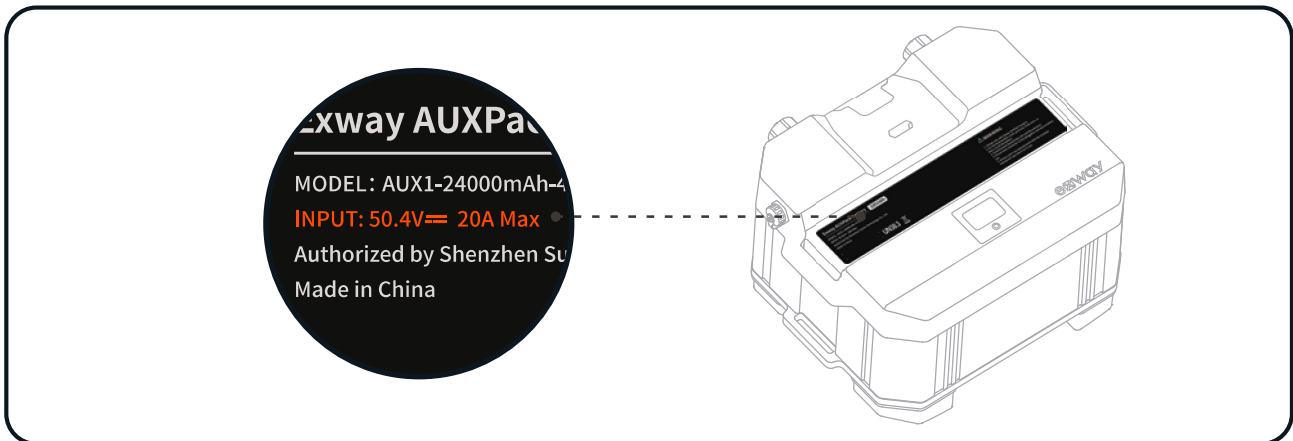Select as shown Charging Instrument ➡ Press the "○ Button" to switch graph display ➡ Press the "○ Button" again to switch data display

⚠ Some Exway ecosystem products support the EC+ protocol, currently supported products include Flex 2 Pro, Flex Pargon, MBS Agent, AUXPack V2;

⚠ Products supporting the EC+ protocol will automatically recognize the device model and apply appropriate charging parameters;

⚠ Supports adjusting to a smaller charging current range within the maximum charging current; charging parameters cannot be modified once charging has started;

⚠ Soft Start: The charger's soft start function activation time ≤5 seconds;

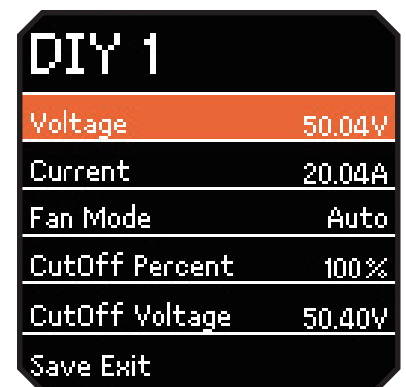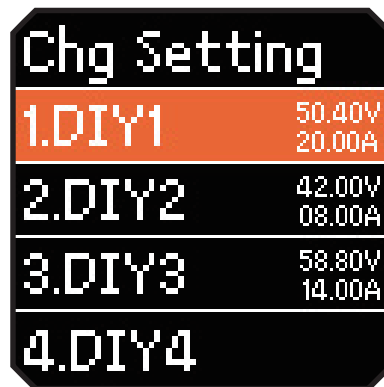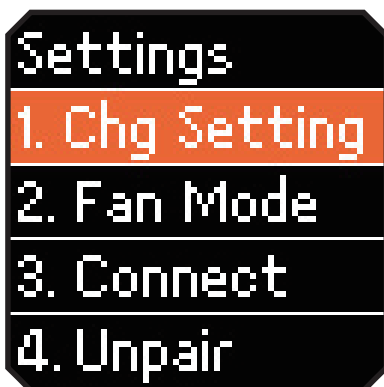⚠ Startup Sound: A relay switch sound is normal when starting or stopping charging!

Custom Charging (Connecting other devices without a protocol)

exway AUXPac

MODEL: AUX1-24000mAh-4...
INPUT: 50.4V ⎓ 20A Max
Authorized by Shenzhen Su...
Made in China

⚠ Do not attempt this function without relevant knowledge and capability!

Step 1: Confirm the charging input voltage (INPUT) and current of the device to be charged;

Step 2: Read the previous section "Advanced Learning" to select and make a suitable charging connector, ensuring the correct polarity of wires;

Settings
1. Chg Setting
2. Fan Mode
3. Connect
4. Unpair

Chg Setting	
1.DIY1	**50.40V** **20.00A**
2.DIY2	42.00V 08.00A
3.DIY3	58.80V 14.00A
4.DIY4	

DIY 1	
Voltage	**50.04V**
Current	20.04A
Fan Mode	Auto
CutOff Percent	100%
CutOff Voltage	50.40V
Save Exit	

Step 3: Select "Charging Settings" and press the "○ Button" to enter

➡

Select preset, press the "○ Button"
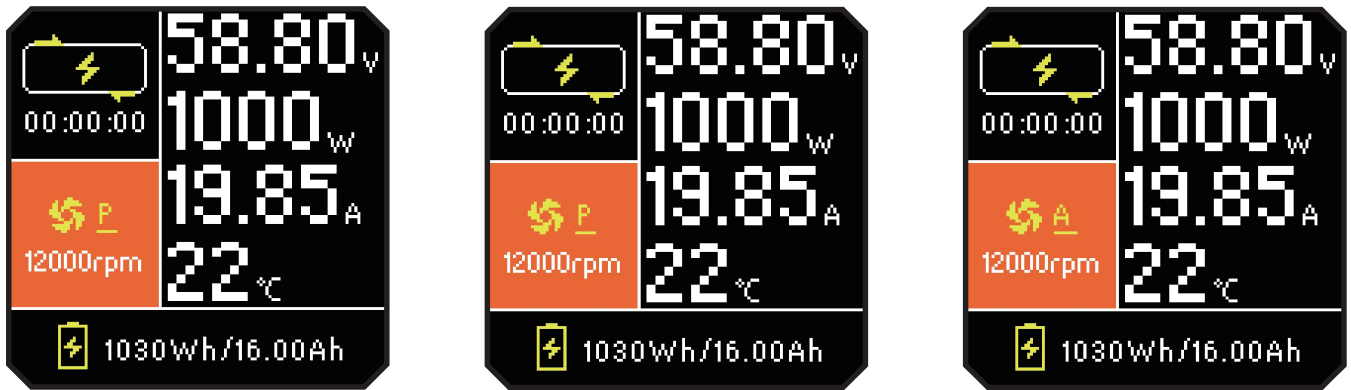
➡

Step 4: Set suitable parameters, select "Save and Exit"

⚠ If you do not have the knowledge of DIY making and soldering power cables, carefully attempt this!

⚠ During DIY making, follow relevant electrical soldering safety norms and operate under safety guarantees!

⚠ Use cables and plugs with a wire diameter of at least 2.5mm² and a continuous overcurrent performance of over 20A!

Smart Temperature Control (Fan Mode)

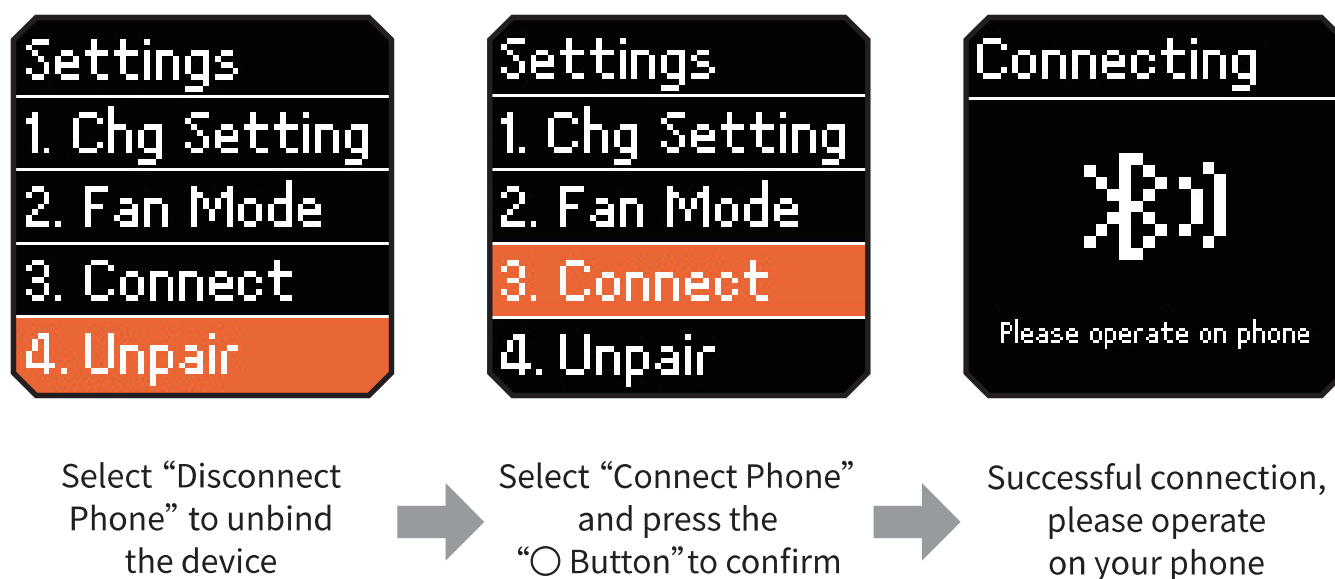Select as shown,
Fan Mode

→

Press the "○ Button"
to switch fan mode

→

Switching successful

Fan Mode Description

Cooling Mode	A Smart Mode	P Performance Mode	Q Quiet Mode
Fan Speed	Auto	↑ ↑	↓ ↓
Noise	↑	↑ ↑	↓ ↓
Temperature	↓	↓ ↓	↑
Power	↑	Max	Auto

⚠ Fan Mode: After switching, the fan speed will automatically adjust based on different priority strategies to control noise and temperature;

⚠ Smart Mode: Minimizes noise while meeting charging power requirements;
Performance Mode: Reduces device temperature at maximum speed to provide maximum charging power;
Quiet Mode: Prioritizes low fan noise, automatically reducing power as device temperature increases.

⚠ Fan Fault: If the device detects fan stoppage or excessive temperature, charging will stop;
Switch Mode: Can also switch "Fan Mode" in the menu settings, and adjust the current fan mode in the APP.

Connecting Mobile APP

Settings	Settings	Connecting
1. Chg Setting	1. Chg Setting	
2. Fan Mode	2. Fan Mode	
3. Connect	3. Connect	
4. Unpair	4. Unpair	Please operate on phone

Select "Disconnect Phone" to unbind the device → Select "Connect Phone" and press the "○ Button" to confirm → Successful connection, please operate on your phone

OTA

Connecting	Upgrading	Flex Paragon
		Auto
		58.80v ⚙ P
Please operate on phone	Plesse Donot Operate Please Wait	58.80v 08.00A
		Charge ≡

After connecting to the APP, operate on the phone → Select Firmware Upgrade → After a successful upgrade, the device will restart automatically

⚠ If the upgrade fails, it will automatically return to the previous menu.

⚠ Connecting a new phone: Select "Disconnect Phone" to unbind the device first;
⚠ Use the latest version of the ExSkate APP 3.0 for operation;
⚠ OTA Upgrade: Do not perform other operations during the upgrade process as charging is not possible.
⚠ The device software will continue to update and may differ from this manual. Refer to the latest electronic version on the official website.
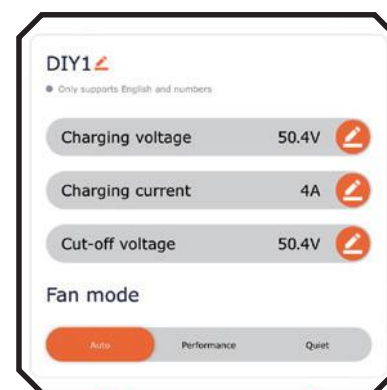
General Settings

Custom Screen-Off Time

```
Settings
5. Screen Off
6. Version
7. Language
8. Exit
```

```
Screen Off
1. Never
2. 1 minute
3. 5 minute
```

Select "Auto Screen-Off"
and press the
"○ Button" to enter

Select screen-off time,
press the "○ Button"
to confirm

Custom Preset Name

```
Settings
1. Chg Setting
2. Fan Mode
3. Connect
4. Unpair
```

```
Connecting

Please operate on phone
```

DIY1
● Only supports English and numbers

Charging voltage   50.4V
Charging current   4A
Cut-off voltage   50.4V

Fan mode

Auto   Performance   Quiet

Unbind phone,
reconnect the device

Connecting in APP

Successful connection

⚠ Preset name: Can only be set in the APP after connecting to the phone.
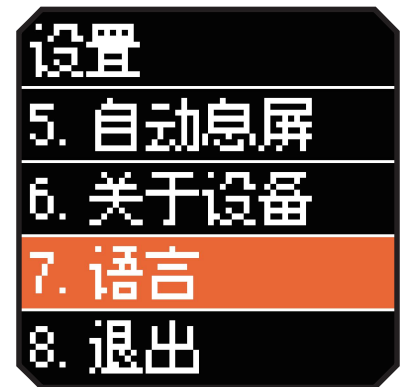
Other Functions

View System Version

```
Settings
5. Screen Off
6. Version
7. Language
8. Exit
```

```
Version
SC1050        V 0 . 9 . 50
Charged            0 Wh
SN Code      3C 0A 39 0E
```

Select "About Device"
and press the
"○ Button" to enter

➡

Press the "○ Button"
again to exit

Language Settings

```
Settings
5. Screen Off
6. Version
7. Language
8. Exit
```

```
Language
1. English
2. 中文
```

```
设置
5. 自动息屏
6. 关于设备
7. 语言
8. 退出
```

Select "Language"
and press the
"○ Button" to enter
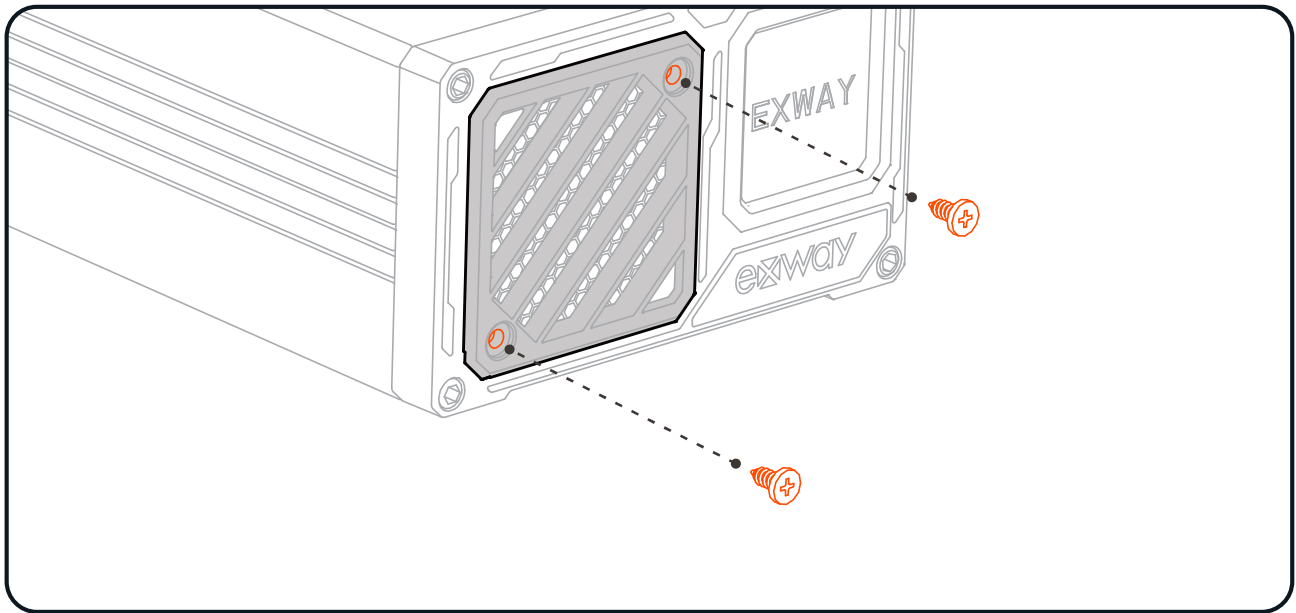
➡

Select "Language"
and press the
"○ Button" to confirm

➡

Switching successful

⚠ Connecting a new device: Select "Disconnect Phone" to unbind the device first;
⚠ OTA Upgrade: Do not perform other operations during the upgrade process as charging is not possible.

Charger Maintenance

Clean the dust filter in time to prevent clogging which affects cooling performance!
This product is not waterproof, do not use in damp or dusty environments!

Cleaning Dust Filter

⚠ Do not use the charger if there are still water droplets after cleaning the dust filter to avoid water being drawn into the charger and causing damage!
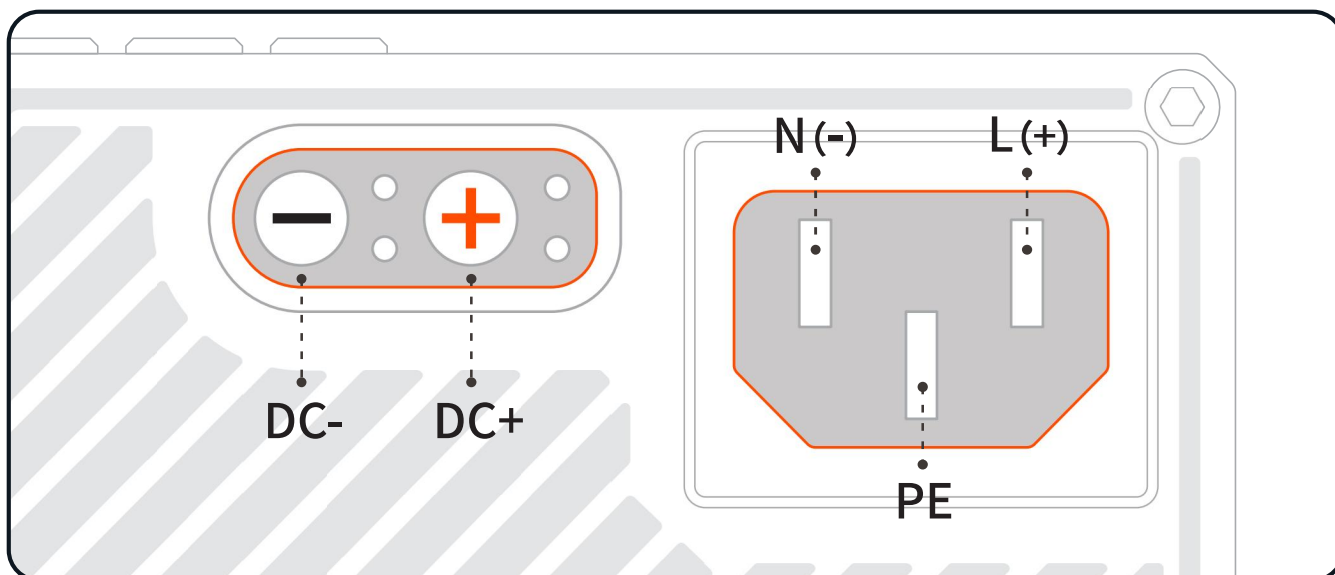
Step 1: Remove by unscrewing screws
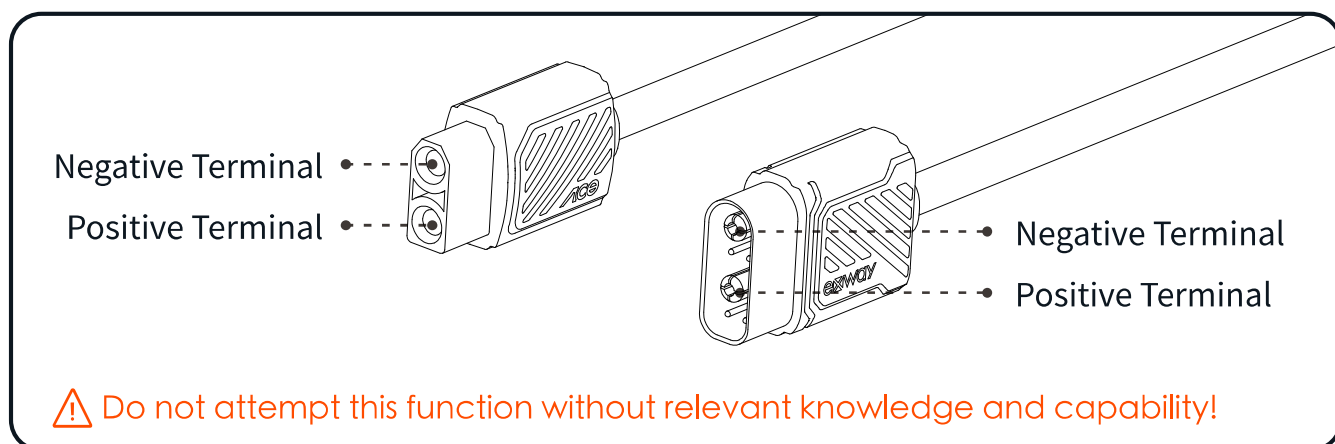Step 2: Clean and dry the dust filter
Step 3: Install the dust filter

⚠ The dust cover has a magnetic + screw dual fixation structure; if cleaned frequently, it can be fixed only with the magnet;
⚠ If the charger is damaged, contact after-sales support on the purchase platform.

Advanced Learning

Interface Pin Sequence Description

N (-)   L (+)

DC-   DC+

PE

DIY Cable Modification Instructions

Negative Terminal

Positive Terminal

Negative Terminal

Positive Terminal

⚠️ Do not attempt this function without relevant knowledge and capability!

⚠️ Warning

▶ Learn and understand basic electrical knowledge before using this function!
▶ The device has short circuit protection, but it only protects the device itself, not the device being charged, please operate cautiously!
▶ Using DIY custom charging requires making suitable cables yourself!
▶ Before charging, ensure the charging parameters are suitable for the device to be charged!
▶ Use the original cable for AC input charging!

Safety Instructions & Disclaimer

1. Read the entire manual carefully before use!

2. Learn and understand basic electrical knowledge before using this function!

3. Confirm the charging parameters are suitable for the device to be charged before charging!

4. The device has short circuit protection, but it only protects the device itself, not the device being charged, please operate cautiously!

5. Using DIY custom charging requires making suitable cables yourself!

6. Use the original cable for AC input charging!

7. Do not disassemble the device without authorization!

8. Do not use in damp or dusty environments!

9. Place the charger on a stable platform during use to prevent damage from falling!

10. Do not use the charger if there are still water droplets after cleaning the dust filter to avoid water being drawn into the charger and causing damage!

FCC STATEMENT
1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two
conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2. any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.
This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the
interference by one or more of the following measures:
Reorient or relocate the receiving antenna.
Increase the separation between the equipment and receiver.
Connect the equipment into an outlet on a circuit different from that to which the receiver is
connected.
Consult the dealer or an experienced radio/TV technician for help.
FCC Radiation Exposure Statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body