Hims

Way to charge



HIMS Portable Electric Vehicle Charger

HCTS-22

22 kW · With Type 2 socket · White (HCTS-22-B) / Black (HCTS-22-S)

User Manual

Read and retain this manual before using the device.

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1 Safety warnings

Do not use in electrical installations without 30 mA residual current protection (RCD).

A separate Mode 3 Type 2–Type 2 charging cable is required to connect to the vehicle; it is not included in the package.

- ⚠ Do not use a damaged and/or dirty charger. Check the cable and plug connection before use.
- ⚠ Do not replace or repair electrical components. Seek assistance only from qualified specialists to correct faults and repair the charger.
- ⚠ Testing, installation and initial commissioning of the electrical socket for the charger must be carried out only by a qualified electrician. The qualified electrician is fully responsible for compliance with the applicable standards and regulations.
- ⚠ The charger must only be operated on power systems with proper grounding.
- ⚠ The cross-sectional area of the power cable supplying the electrical socket must be determined according to the cable length and local regulations.
- ⚠ Protect electrical sockets and plug connections from moisture, water and other liquids. Do not immerse the control box or charging connector in water.
- ⚠ Do not step on, pull, bend or knot the cable.
- ⚠ Make sure that the charging connector, plug, cable and control box show no abnormalities such as scratches, rust or cracks.
- ⚠ Do not charge if the socket is damaged, rusty, cracked or loosely connected. In this case, contact a specialist and have the socket replaced.
- ⚠ If the plug becomes dirty or wet, wipe it with a clean, dry cloth.
- ⚠ Before charging, make sure that the plug and socket are compatible, particularly that the current and voltage ratings are correct.
- ⚠ Check the input current and make sure that the charging current is below the current-carrying capacity of the socket and electrical installation.
- ⚠ Do not place the cable near high-temperature objects during charging.
- ⚠ Charging in direct sunlight is not recommended, as overheating may cause the device to stop charging.

2 Additional safety warnings — portable use

Use the portable charger only with a suitable and safe electrical supply. Check the connections and environmental conditions before each use.

- ⚠ **Do not use extension cables.** Do not connect the charger to an extension cable, power strip or cable reel.
- ⚠ **Do not use unsuitable adapters.** Use only adapters expressly approved by the manufacturer for the relevant model and power supply type.
- ⚠ Do not connect adapters together. Install or replace adapters only when the power supply is disconnected.
- ⚠ Do not force the plug into the socket. Do not use incompatible or loose sockets.

⚠ Do not position the charging cable where vehicle wheels may run over it. Protect the cable against crushing, abrasion and cuts.

⚠ Do not trap the cable in doors or windows. Keep it away from sharp edges and hot surfaces.

⚠ Do not leave the cable unprotected in passageways where people may trip over it.

⚠ Do not cover the control box or cable during charging. Avoid conditions that may cause heat to accumulate.

⚠ Protect plugs, connectors and electrical connections from rain, puddles and other liquids.

⚠ Do not allow children to play with the device. Position the device and its connections out of children's reach.

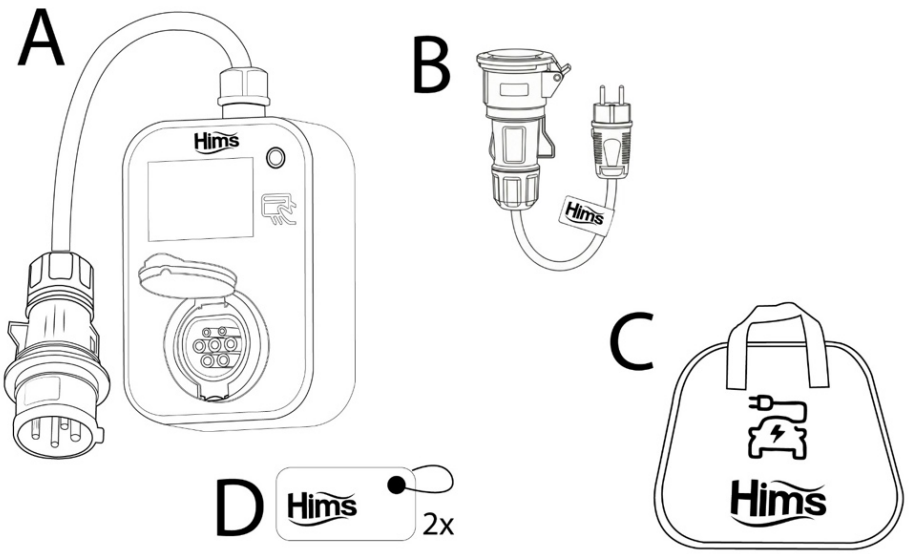
⚠ Prevent pets from biting or pulling the cable or damaging the connections.

⚠ Do not drop the charger, place heavy objects on it or suspend the control box by its cable.

⚠ Set the charging current so that it does not exceed the permitted capacity of the socket, adapter or electrical installation.

Do not charge using electrical installations with improper grounding, damage or unverified capacity. If you are unsure whether the socket is suitable, consult a qualified electrician.

3 Package contents



	Component
A	Charger with Type 2 socket (with power supply cable fitted with a red CEE plug)
B	16 A Schuko plug adapter cable
C	Carrying bag
D	RFID cards (2 pieces)
E	User manual

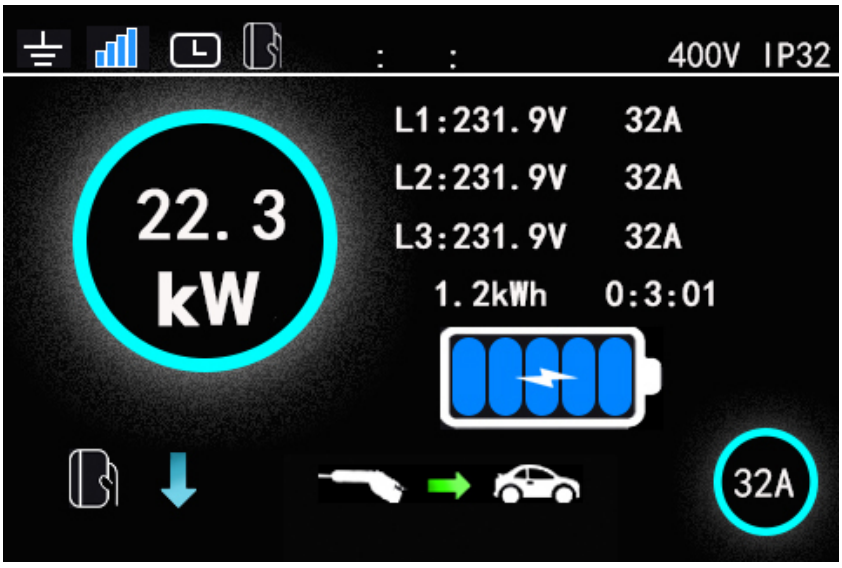
The vehicle charging cable (Type 2–Type 2) is not included in the package and must be purchased separately.

4 Control box



	Component	Function
A	Display	Displays charging information and fault details.
B	Setting button	Used to change the charging current and adjust settings (see Setting button).
C	Card reading area	Present your card to start or stop charging.

5 Display

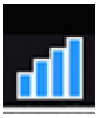


	Area	Displayed information
A	Status bar	Device status icons
B	Information area	Instantaneous power, phase voltages and currents, charged energy and duration
C	Operating instructions	Icons indicating the next step

	Area	Displayed information
D	Current indicator	Selected maximum charging current

The numerical values shown in the illustrations are examples; they are not fixed device values.

Status bar icons

Icon	Meaning
	Wi-Fi connected
	Grounding monitoring enabled
	Delayed charging enabled
	Card activation mode enabled
	Countdown for delayed charging
400 V · 32 A	Voltage and current of the connected power plug

Operating instruction icons

Icon	Meaning
	Present your card to start charging.
	Connect the vehicle using the charging cable.

6 Setting button



While you hold the button down, the press duration is displayed in real time in the status bar, allowing you to monitor the duration easily.

In standby mode

Button press	Function
Short (less than 1 second)	Cycles through the current levels: 6 / 8 / 10 / 13 / 16 / 24 / 32 A. The selected level is shown in the ring at the bottom-right corner of the display and is retained when the device is switched off.
10–15 seconds	Resets the Wi-Fi connection and removes the linked app account.
20–25 seconds	Enables/disables the grounding fault check (printed manual: disabled by default).
30–35 seconds	Enables/disables card activation mode (default: enabled). When disabled, plug-and-play mode is activated.

When the 16 A adapter cable is detected, the maximum current is limited to 16 A and the indicator ring turns red. Always set the current to 16 A or lower when using the 16 A adapter.

With the manufacturer-approved 16 A Schuko adapter, the maximum current is 16 A, providing approximately 3.7 kW on a 230 V single-phase supply. Do not exceed the lowest current limit of the socket, adapter and installation. Have a qualified electrician check that the socket is suitable for continuous loading.

During charging

Mode	Emergency stop
Card activation	Press the button for 2–3 seconds. An emergency stop fault appears on the display; it clears when the cable is disconnected.
Plug-and-play	Press the button for 1–2 seconds. An emergency stop fault appears on the display; it clears when the cable is disconnected.

7 Charging with an RFID card

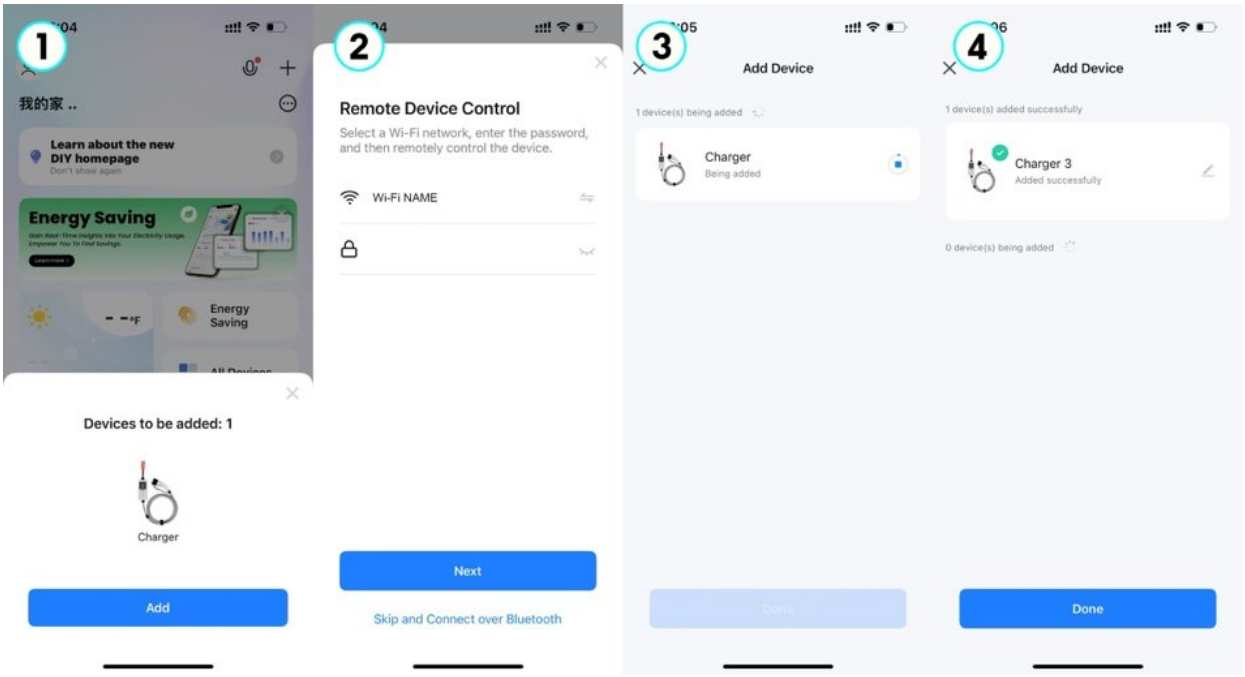
1. Connect the charging cable to the charger and the vehicle.
2. Present your card to the card reading area (C); charging starts.
3. Present the card again to stop charging.

The package contains 2 RFID cards.

8 Connecting to the app (via Wi-Fi)

Before you begin

- Make sure that the charger is powered on and located within 3 metres of your phone.
- Make sure that a Wi-Fi network is available for the charger and that your phone is connected to this network.



1 Open the app and add the device

- Launch the **Smart Life** app.
- The app automatically detects the device and displays "Devices to be added: 1".
- Tap **"Add"** to start setup.

2 Select the Wi-Fi network

- Select your 2.4 GHz Wi-Fi network (5 GHz networks are not supported).
- Enter the Wi-Fi password.
- Tap **"Next"** to continue.

3 Wait for the connection

- The app displays the connection status: "1 device(s) being added".

4 Complete setup

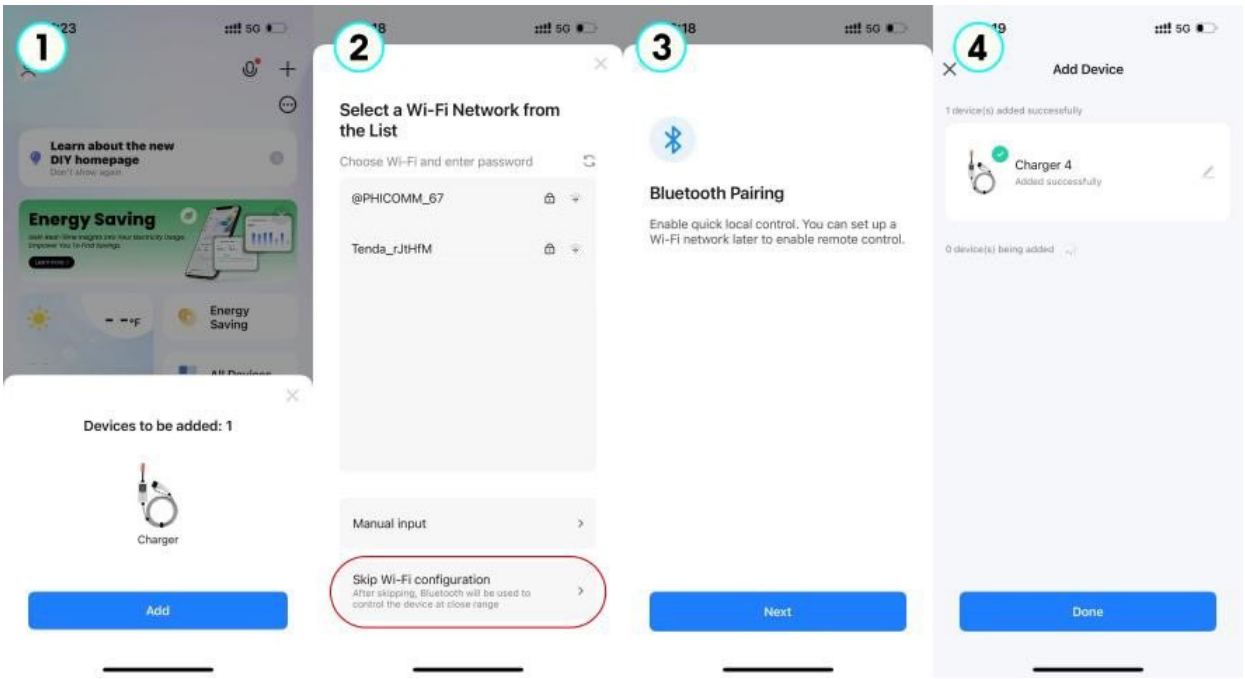
- Tap **"Done"**.
- If desired, tap the device name to rename your charger.

9 Connecting to the app (via Bluetooth)

Before you begin

- Make sure that the charger is powered on and located within 3 metres of your phone.
- Enable Bluetooth on your phone and make sure you have an internet connection.

Only basic controls are available via Bluetooth. Wi-Fi is required for remote access.



1 Open the app and add the device

- Launch the **Smart Life** app.
- The app automatically detects the device and displays "Devices to be added: 1".
- Tap **"Add"** to start setup.

2 Skip Wi-Fi configuration

- Tap **"Skip Wi-Fi configuration"** and wait for the Bluetooth connection.
- The charger can then be controlled via Bluetooth at close range.

3 Bluetooth pairing

- The app displays "Bluetooth pairing".
- Tap **"Next"** to continue.

4 Complete setup

- Tap **"Done"**.
- If desired, tap the device name to rename your charger.

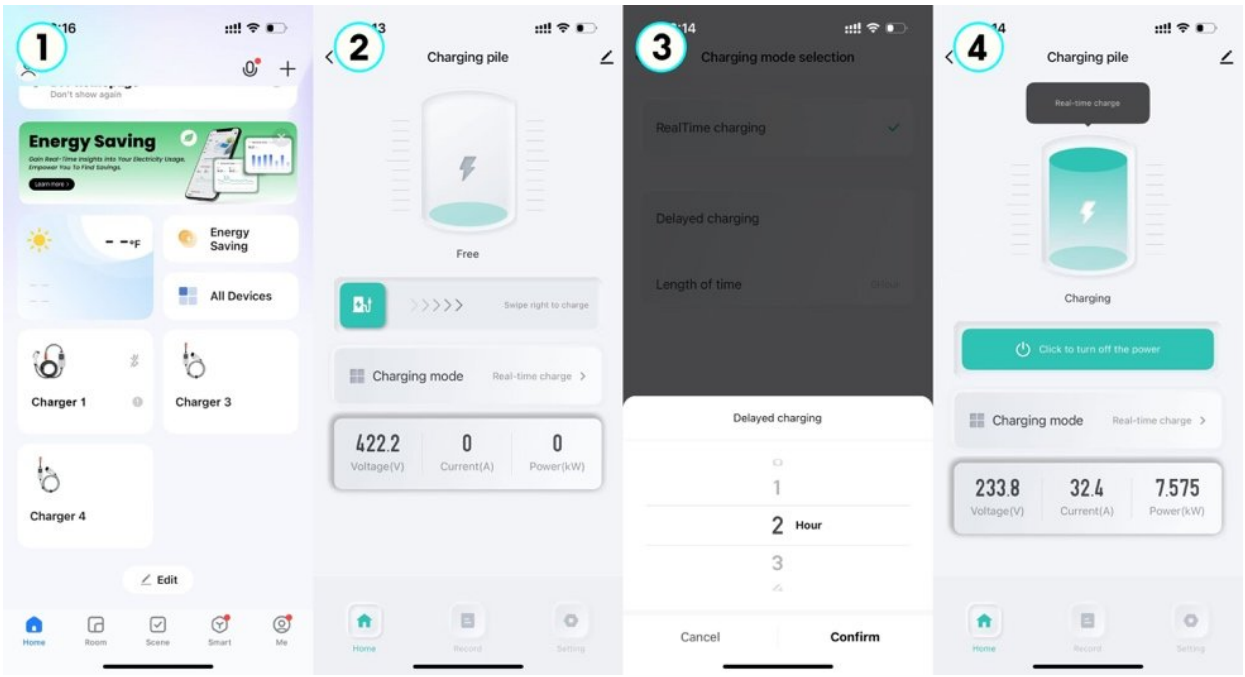
Tips

- **Transfer the device to another user:** Device → Edit → Remove Device; then add it again using the new user's account.
- **Create or join a home:** Me → Home Management → Set up shared access. The device's online status is also visible here.

10 Starting and stopping charging via the app

Before charging

- Select the appropriate adapter for the power supply. After installing or replacing the adapter, insert the plug into the socket.
- Make sure that the charger is powered on and the vehicle connector is fully inserted into the vehicle's charging inlet.
- Use the setting button to set the charging current to a level suitable for the power supply.



1 Open the app

- Launch the **Smart Life** app and tap the device you previously added.

2 Start charging

- Slide the "Charge now" slider to the right.
- The default charging mode is "RealTime charging" (immediate charging).
- For delayed charging, tap **"Charging mode"**.

3 Delayed charging settings

- Set the delay duration using **"Length of time"**.
- Tap **"Confirm"** to confirm.
- The device starts a countdown; charging begins automatically when the set time has elapsed.

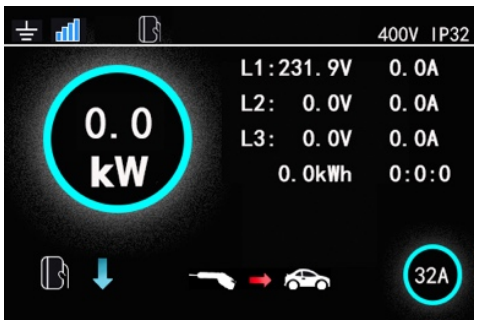
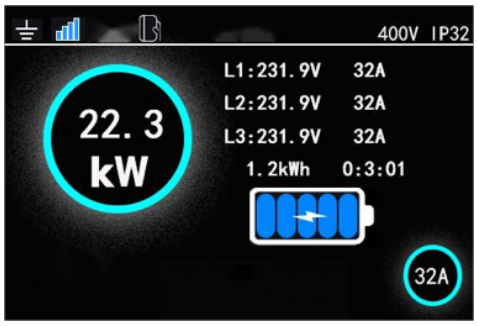
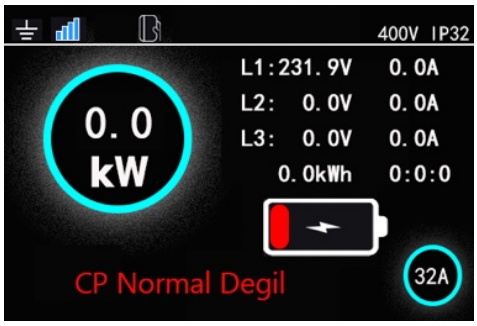
4 Stop charging

- Tap **"Click to turn off the power"**.

After charging has stopped

- First disconnect the vehicle connector from the vehicle, then unplug the power plug from the socket.

11 User interface

Status	Display
Ready	
Charging	
Fault — fault text appears on the display ("CP Not Normal" in the example)	
Charging completed	

12 Troubleshooting

Fault	Corrective action
Short circuit	Reset the power supply, then reconnect the charger.
Residual current	Reconnect the charger after the residual current fault has been resolved.

Fault	Corrective action
Grounding protection	Have an electrician check the grounding system of the power supply.
Input plug overtemperature	Charging resumes automatically after the plug has cooled down.
Overcurrent	Select a lower current level and restart charging.
CP signal fault ("CP Not Normal")	Stop charging and, if safe, disconnect the power supply. The cable must be checked; contact an authorised service centre.
Control box overheating	Charging resumes when the temperature decreases. Do not leave the device in direct sunlight or cover it.
Overvoltage	Check the power supply or reconnect the charger.
Undervoltage	Check the power supply or reconnect the charger.

If the fault persists, stop using the device and contact an authorised service centre.

13 Maintenance and storage

Inspect your charger regularly. Before cleaning or maintenance, stop charging, disconnect the vehicle connection and unplug the power plug from the socket.

Cleaning

- Wipe the control box and the outer surface of the cable with a soft, slightly damp cloth. Then dry them with a dry cloth.
- Do not apply liquids to the contacts of the charging connector or power plug.
- Do not immerse the device in water. Do not use pressurised water, steam, solvents or abrasive cleaning agents.
- Make sure that all connections are dry after cleaning.
- Do not insert foreign objects into the connector. Do not attempt to repair the contacts yourself.

Coiling and storing the cable

- Do not carry the cable by pulling on its plug or connector.
- Coil the cable loosely in large loops without applying force. Do not bend it sharply or tie knots.
- Do not wrap the cable tightly around the control box.
- Protect the connector and power plug from impact, dirt and moisture.
- Store the device in a dry, clean and secure location. Keep it away from direct sunlight, heat sources and chemicals.
- Do not place heavy objects on the cable during storage.

Periodic inspection

- Visually inspect the power plug, charging connector, cable and control box before each use.
- Check for cracks, crushing, cuts, discolouration, burn marks, rust or loose connections.

- Do not use the device if you notice looseness, signs of overheating or damage at the socket. Have the socket inspected by a qualified electrician.
- Contact an authorised service centre if you notice damage to the control box or cable.

Do not open the device housing. Do not replace or repair electrical components yourself. Contact an authorised service centre for repairs.

14 Emergency

Do not continue charging if you notice smoke, a burning smell, sparks, overheating, contact with liquids or a damaged connector. There may be a risk of electric shock or fire.

Safe shutdown sequence

1 Stop charging

- If safe to do so, stop charging via the vehicle or app.
- Do not approach the device if there is smoke, sparking or fire.

2 Disconnect the power supply

- If safe to do so, switch off the power supply using the appropriate circuit breaker.
- Do not touch damaged, wet or excessively hot plugs, cables or control boxes.
- If you cannot safely disconnect the power supply, do not intervene and seek professional assistance.

3 Disconnect the connections

- Make sure that the power supply is disconnected and that the connections are safe.
- If safe to do so and the vehicle connector is unlocked, disconnect it from the vehicle. Do not force the connector.
- Unplug the power plug from the socket only if it is safe to do so.
- Do not attempt to disconnect hot, damaged or wet connections.

4 Keep the area safe

- Keep people and animals away from the hazardous area.
- If there is a fire or heavy smoke, evacuate the area and call emergency services.
- Do not pour water onto an electrical fire.

5 Do not reuse the device

- Do not plug the device in again or restart charging.
- Have the device and, where necessary, the electrical installation inspected by authorised personnel.
- Do not reuse the device until an authorised service centre has confirmed that it is safe.

Specific situations

⚠ **Smoke or burning smell:** Stop charging. If safe to do so, disconnect the power supply. If a fire is suspected, evacuate the area and call emergency services.

⚠ **Overheating:** Do not touch the plug, connector or control box. Safely disconnect the power supply and have the device inspected.

⚠ **Contact with liquids:** Do not touch a wet plug or control box. If safe to do so, disconnect the power supply. Do not reuse the device merely because it appears to have dried.

⚠ **Damaged connector:** Do not connect the connector to the vehicle. If you notice damage during charging, follow the safe shutdown sequence.

⚠ **Electric shock:** Do not directly touch a person who is still in contact with electricity. If safe to do so, disconnect the power supply and call emergency services.

Emergency telephone numbers may vary depending on the country. In Türkiye and EU countries, 112 can be used.

15 Technical specifications

Specification	HCTS-22 (-B white / -S black)
Electrical	
Power	Up to 22 kW
Voltage	230 / 400 V AC
Phase	Single-phase / three-phase
Rated current	32 A
Current levels	6 / 8 / 10 / 13 / 16 / 24 / 32 A
Frequency	50/60 Hz
Residual current protection	Type A (AC 30 mA) + DC 6 mA
Standby power consumption	3 W
Protection functions	Short-circuit, residual current, input wiring fault, overcurrent, grounding, overvoltage, undervoltage and overtemperature protection
Interface and connectivity	
User interface	LCD · 3.5" colour display, setting button
Charging interface	Type 2 socket (with locking mechanism)
Activation	RFID card, mobile app, plug-and-play
Wireless connectivity	Wi-Fi 2.4 GHz · Bluetooth · RFID 13.56 MHz
Physical	
Protection rating	IP65
Housing material	PC + ABS
Cooling	Natural cooling
Operating temperature	-25 °C ... +45 °C
Humidity	Maximum 95% (non-condensing)

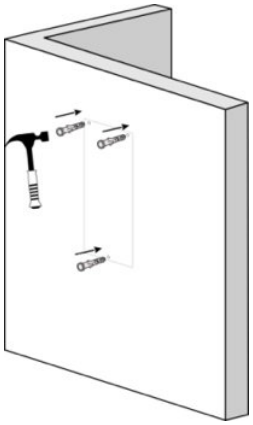
Specification	HCTS-22 (-B white / -S black)
Net / gross weight	2.5 kg / 3.5 kg
Conformity	
Standards	EN/IEC 61851-1:2017
Markings	CE
Warranty	2 years

16 Wall mounting

Before installation

- The device must be installed in a location that provides easy access for normal use, repair and maintenance.
- The AC input components of the electrical installation's power supply must be correctly equipped with the required protective devices.





1 Drill the holes

- Using a hammer drill, drill holes in the wall according to the mounting hole positions on the mounting plate.

2 Install the anchors

- Install the expansion bolts (4 × M6 × 40 mm).

3 Mount the device

- Hang the charger on the mounting plate and tighten the fixing screws on both sides.

After mounting, plug the power connector into a suitable earthed socket protected by a 30 mA RCD. Check that the display switches on and no fault is shown. Select a current suitable for the supply, connect the separately purchased Type 2–Type 2 cable to the charger and vehicle, then start charging with the card or app.

17 Waste electrical and electronic equipment (WEEE)

The **crossed-out wheeled bin symbol** on the product or packaging indicates that this device must not be disposed of with unsorted household waste at the end of its service life. Take the device to an authorised collection point for separate collection of electrical and electronic waste. Proper collection and recycling help protect the environment and human health.

Contact your local waste management authority or the relevant collection system to find out how to hand over your product.

18 Legal guarantee in the EU

For products purchased as a consumer in the European Union, you have legal guarantee rights relating to conformity under applicable national legislation. A minimum of two years of legal protection generally applies to consumer sales throughout the EU. If the product does not conform to the contract, you may be entitled to free repair or replacement, subject to the applicable conditions. Where these remedies are not possible or the statutory conditions are met, you may have rights such as a price reduction or termination of the contract.

Your legal guarantee rights are generally enforceable against the seller. Any commercial warranty offered by the manufacturer is separate from your statutory rights and does not remove or limit them. The conditions for exercising these rights, claim periods and additional protections may vary by country.

This statement provides general information concerning consumer sales. Different contractual and legal provisions may apply to commercial or professional buyers.

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www.himstech.com
info@himstech.com
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