

DC CONNECTOR

CCS2 - GB/T ADAPTER

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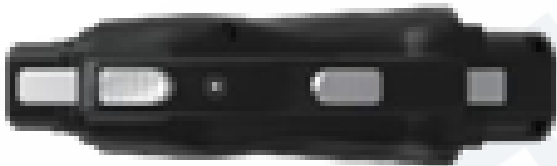


VISUAL HIGHLIGHTS

FRONT



TOP



REAR



SIDE



18650 lithium
battery*1

U disk*1

CCS2 to GB/T
Adapter*1

user manual*1

screwdriver*1

Type-C to USB
data cable*1



PARAMETERS

Maximum Charging power	300kW
Maximum Voltage	1000V DC
Maximum Current	300A DC
Rated Ambient Temperature	-22 °F to 122 °F (-30 °C to 50 °C)
Internal Working Temperature	Charging automatically stops when the adapter's internal temperature reaches 185 °F (85 °C).
Material	PC+ABS
IP Level	IP55
Product Size	308.4*96.2*145 mm (L * W * H)
Product Weight	2.05kg
Carrying Case Size	331*111*183 mm (L * W * H)
Carrying Case Weight: 2.6 kg	2.6kg

USAGE

⚠ BEFORE USING THE ADAPTER, ENSURE THAT THE BATTERY IS PROPERLY INSTALLED IN THE ADAPTER.

- 1. Prepare the Vehicle-** Ensure your GB/T electric vehicle is in charging mode, and turn on the vehicle's DC charging port.
- 2. Connect to the Vehicle-** Insert the GB/T connector of the adapter into the vehicle's DC charging port.
- 3. Connect to the Charger-** Insert the CCS2 charging gun into the CCS2 port on the adapter and make sure it is securely locked in place.
- 4. Start Charging-** After activating the charging station, press the switch button on the adapter. The red power indicator will begin flashing rapidly at 1-second intervals.
- 5. Charging Status-** The red indicator light will remain steadily on during the charging process.
- 6. After Charging-** When charging is complete — either when the vehicle is fully charged or the station stops — the red indicator light will turn off. At this point, remove the CCS2 charging gun first, then unplug the adapter from the vehicle.

Note:

1. Please start the CCS2 charging station first, then press the switch button on the adapter and wait for the red indicator light to flash for charging;
2. To ensure charging safety, do not plug or unplug the adapter during the charging process.



Unscrew the screws, open the back cover and install the battery



Insert the adapter into the car charging port



Press the button, the red light flashes and start charging



Insert the charging gun into the adapter port



BATTERY INFORMATION

Battery Specifications

This product uses 18650 lithium batteries. It is recommended to use high-quality branded batteries with a capacity of ≥ 3000 mAh (e.g., 3500 mAh).

1. Battery Charging

Charging Options:

- Built-in Charging – Charge the battery directly via the 5V Type-C port.
- External Charging – Remove the battery and place it in a dedicated 18650 battery charger.

Note: When using the adapter to charge a vehicle, the battery charges synchronously.

2. Charging Time

Using a 3500 mAh battery as an example, full charging takes approximately 6–7 hours. Actual time may vary depending on the remaining battery level and conditions.

Important Usage Instructions:

PRECAUTIONS

- Install the battery correctly, ensuring the covered end is the positive terminal.
- Do not press against the red wire or bend/squeeze battery cables – this may damage the motherboard and disable the adapter.
- Keep the adapter's surface and ends clean and dry, and away from oil, water, and dust.
- The adapter contains sensitive electronic components – handle with care, and avoid impact or vibration.
- If the product will not be used for an extended period, remove the battery and store it separately to prevent deep discharge that may prevent startup.

TROUBLESHOOTING

Fault symptoms	Possible cause	Solution
After pressing the adapter button, the red power indicator light does not light up.	The battery is not installed or the battery level is low.	Charge or replace the battery after removing it.
After starting the CCS2 charging station, the adapter's red indicator light continues to flash rapidly, indicating that charging has not started.	Communication failure between electric vehicle and adapter.	After unplugging the adapter from the electric vehicle, reinsert it and start it.
	Electric vehicles are not compatible with adapter communication.	After multiple failed restarts, please contact your local agent or directly contact us for product upgrades.

MESSAGE EXTRACTION & SYSTEM UPGRADE

REQUIRED EQUIPMENT



TYPE-C TO USB CONNECTION CABLE



EMPTY USB DRIVE



5V POWER BANK

STEP-BY-STEP INSTRUCTIONS



Note:

- Please use a FAT format USB memory with a storage capacity of less than 16GB.
- Please remove the battery from the adapter before proceeding with log extraction and software upgrade.

Log Extraction

- Before extracting logs, please remove the battery from the adapter first;
- Please connect an empty USB drive, a fully charged power bank, and an adapter as shown in the illustration. After confirming that the connection is correct, press the start button and wait for the program to run;
- The flashing blue indicator light indicates that the upgrade is extracting logs. When the blue indicator light goes out, it indicates that the extraction is complete;
- Unplug the connecting cable, USB memory, and power bank;
- Please reinstall the battery into the adapter correctly and provide feedback on the files inside the USB drive to the after-sales personnel.

System Upgrade Steps

⚠ Important: Before starting the upgrade process, remove the battery from the adapter.

- Insert the USB drive into the computer and clear all files from the USB drive;
- Put the upgrade file PYNE2G05.bin into an empty USB memory (file name must not be modified);
- Please connect the USB flash drive, fully charged power bank, and adapter as shown in the illustration. After confirming that the connection is correct, press the start button and wait for the program to run;
- The indicator light flashes yellow, indicating that the upgrade is in progress. When the yellow indicator light goes out, it indicates that the upgrade is complete;
- Unplug the connecting cable, USB memory, and power bank;
- Reinstall the battery into the adapter correctly.

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