

Guidelines for Using Commonly Used Tools

Standard Operating Procedures-CAN box-CANtest

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Technical Support Document



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enercollege@atesspower.com

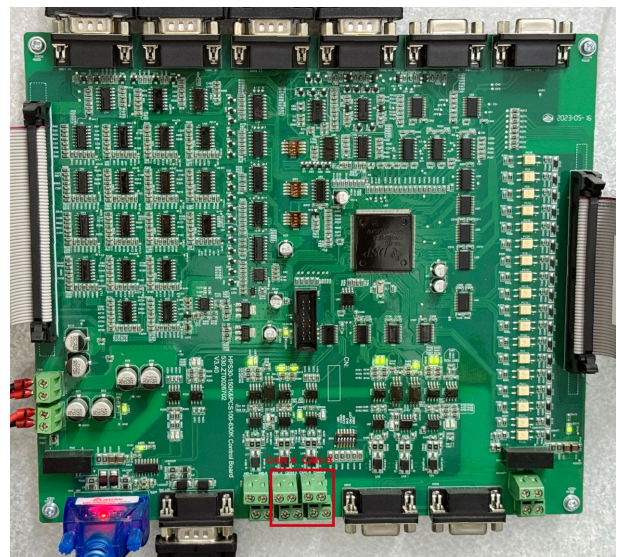
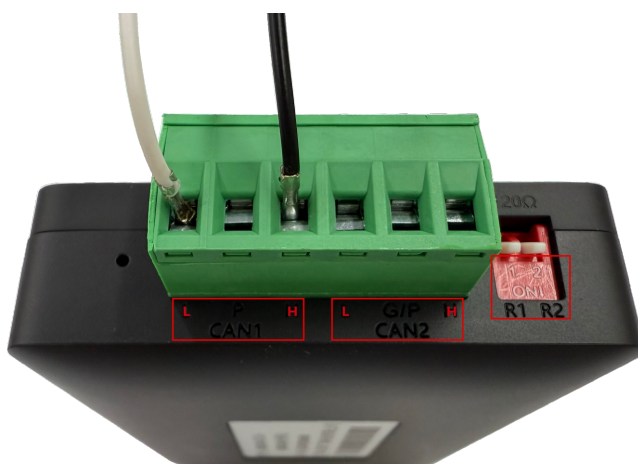


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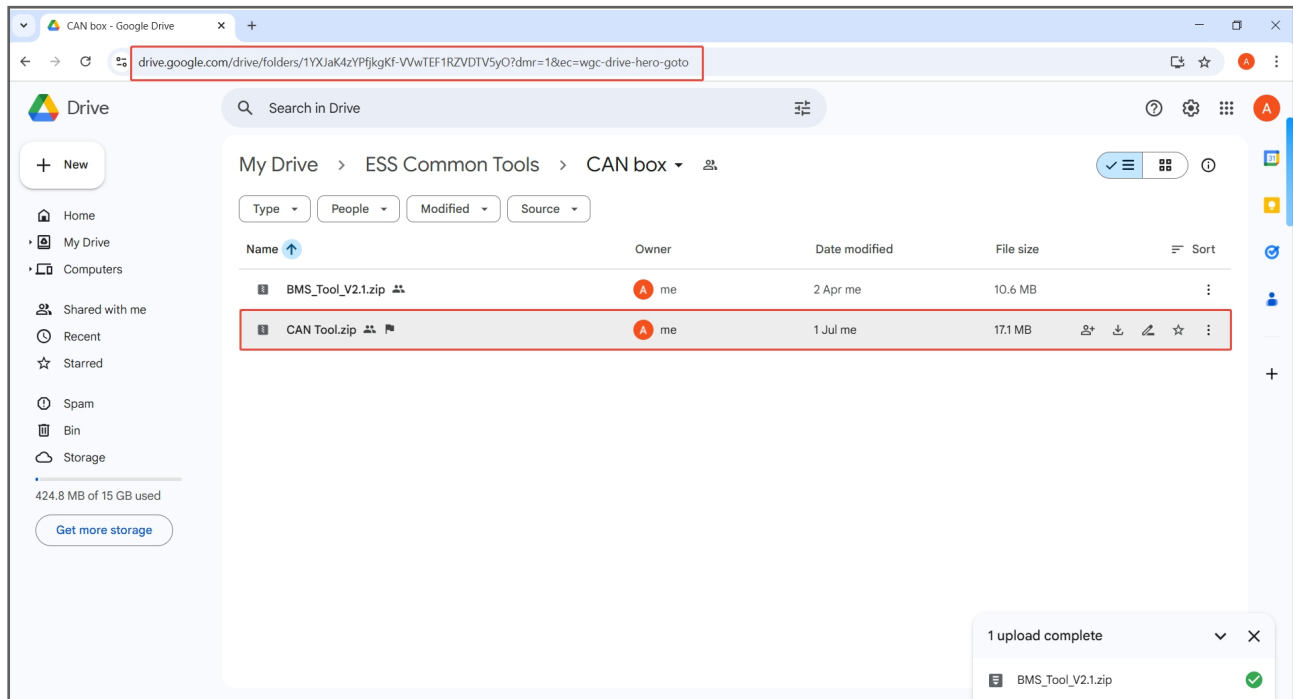
The CAN box is mainly used to monitor BMS data and check whether BMS communication is normal through BMS data. It can also be used to monitor CANB data, and the CANB interface is mainly used for parallel and bypass cabinet communication.



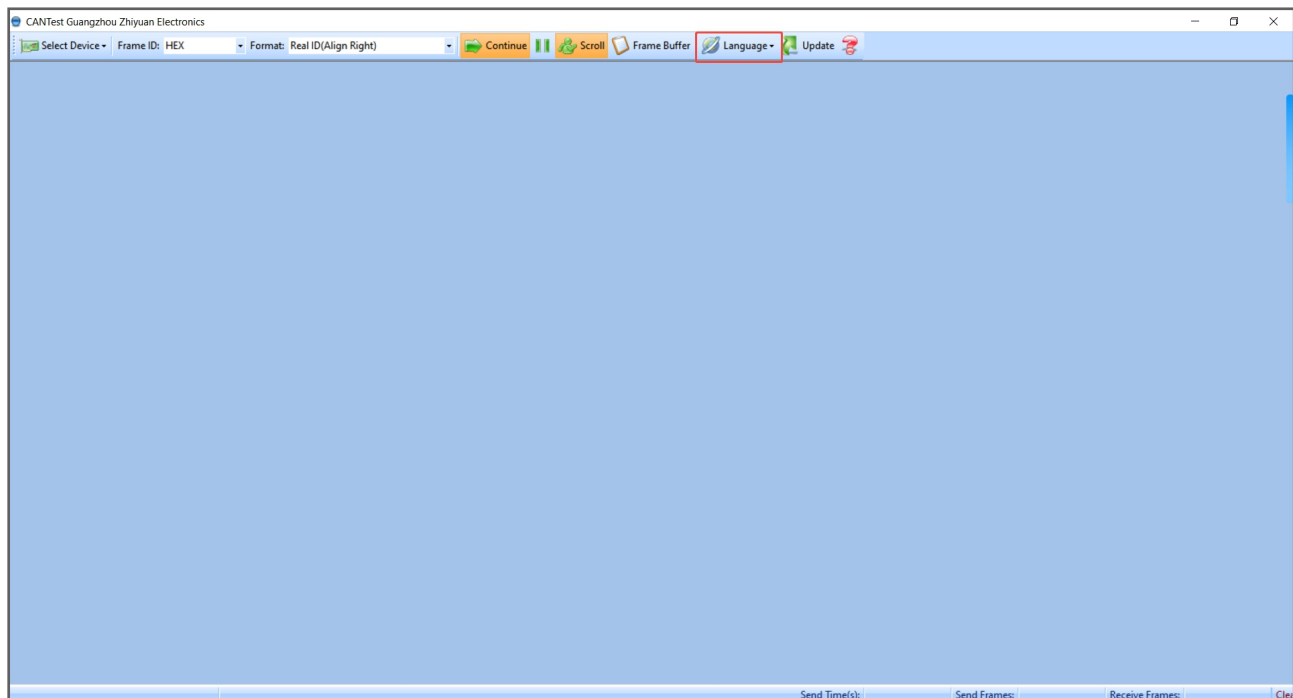
Firstly, connect the L and H on the CAN box to the CANA interface of the DSP or battery. Be careful not to reverse the connection. Generally, there are 2 adjustable resistance switches on the CAN box with a resistance value of 120 ohms, which do not need to be set under normal circumstances.



Download CANtest from the Google Drive and install it on your computer.
 Download link: <https://drive.google.com/drive/folders/1YXJaK4zYPfjkgKf-VVwTEF1RZVDTV5yO?dmr=1&ec=wgcd-drive-hero-goto>



To run Cantest, you can choose to switch to the English version in the language position.

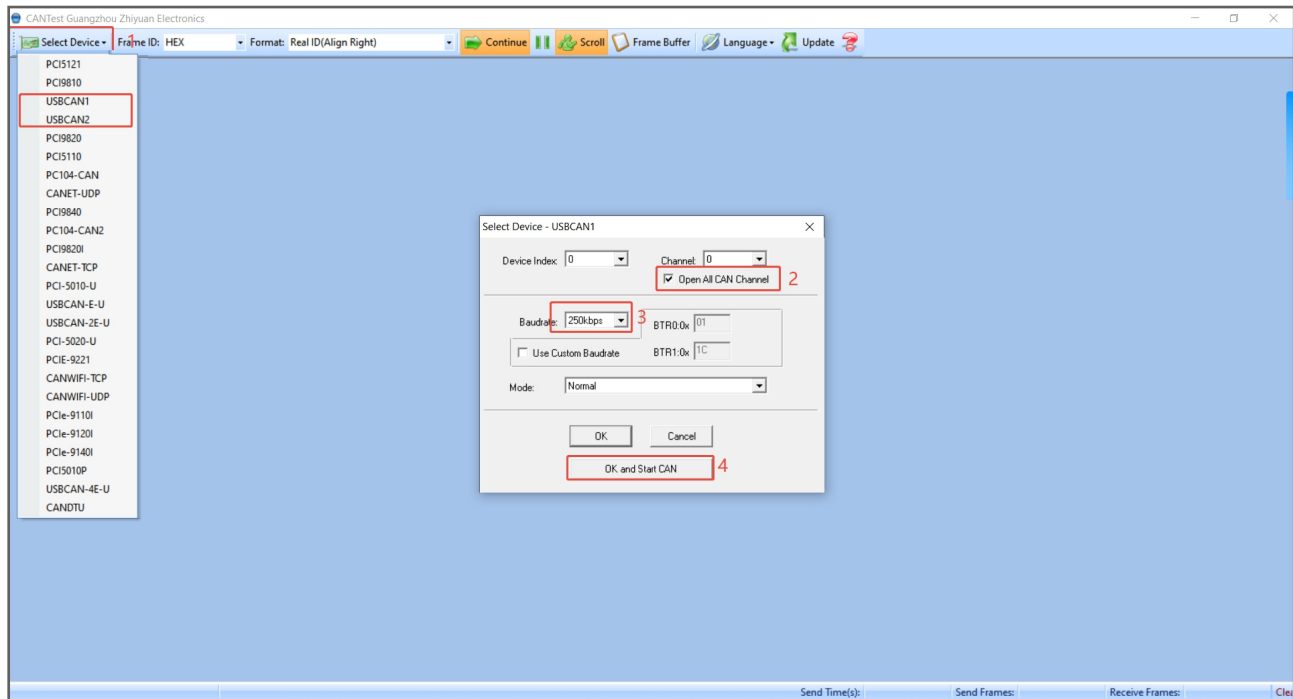


Click on the select device in the upper left corner and choose the CAN model to use. Generally, we only need to select USBCAN1. If you are using another brand of CAN box, you need to select the corresponding model.

Note:

CAN A baudrate: CAN A is the port for communicating with BMS , the default baudrate is 250kbps on inverters;

CAN B baudrate: CAN B is the port for communicating with Bypass Cabinet ,ATS, PBD , RTF ,SMC and parallel on inverters, the default baudrate is 20kbps,need to confirm on screen as it can be changed.



Finally, click start to start reading data, which usually only takes a few seconds to run. Then click save to save the data.

