

VE.Can to CAN-bus BMS cables manual

Use these cables to connect a CAN-bus enabled battery to a Victron system.

1. Selecting the right cable

ASS030710018 - VE.Can to CAN-bus BMS type A Cable 1.8m

- BYD B-Box

ASS030720018 - VE.Can to CAN-bus BMS type B Cable 1.8m

- LG Chem Resu
- AXIstorage
- BMZ
- Pylontech

2. Installation

The side labeled 'CAN-bus BMS' plugs into the battery. The other side, labeled 'VE.Can' must be plugged into the VE.Can port of the Venus-device.

For configuration, see the manual specific to the brand of battery you are using.

3. Pin-out

In some cases it might be needed to make the cable at the location. Find below the pin-outs. Make sure to very carefully test the cable after crimping it. Self-made cables are very often the causes of very hard to diagnose problems.

3.1 Type A

Function	Victron VE.Can side	Battery side
GND	Pin 3	Pin 6
CAN-L	Pin 8	Pin 5
CAN-H	Pin 7	Pin 4

3.2 Type B

Function	Victron VE.Can side	Battery side
GND	Pin 3	Pin 2

Function	Victron VE.Can side	Battery side
CAN-L	Pin 8	Pin 5
CAN-H	Pin 7	Pin 4

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Last update: **2018-02-06 16:54**

