

# VE.Can to CAN-bus BMS cables manual

Use these [VE.Can to CAN-bus cables](#) to connect a CAN-bus enabled battery to a [Venus-device](#).

## 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

Last update: 2019-01-22 10:16 battery\_compatibility:can-bus\_bms-cable [https://www.victronenergy.com/live/battery\\_compatibility:can-bus\\_bms-cable?rev=1548148578](https://www.victronenergy.com/live/battery_compatibility:can-bus_bms-cable?rev=1548148578)

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

## DISQUS

[View the discussion thread.](#)

From: <https://www.victronenergy.com/live/> - **Victron Energy**

Permanent link: [https://www.victronenergy.com/live/battery\\_compatibility:can-bus\\_bms-cable?rev=1548148578](https://www.victronenergy.com/live/battery_compatibility:can-bus_bms-cable?rev=1548148578)

Last update: **2019-01-22 10:16**

