

# VE.Can to CAN-bus BMS cables manual

## 1. Introduction

Use this cable to connect a CAN-bus enabled battery to a Victron system.

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.

There are two types, each with different pinning. Some brands of batteries require a Type A. Other brands require the Type B cable.

Batteries that require the Type A cable:

- BYD B-Box

Batteries that require the Type B cable:

- LG Chem Resu
- AXIstorage
- BMZ
- Pylontech

## 2. Pin-out

For the do-it-yourselfers:

### 2.1 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

### 2.2 Type B

Function	Victron VE.Can side	Battery side
GND	Pin 3	Pin 2
CAN-L	Pin 8	Pin 5
CAN-H	Pin 7	Pin 4

## DISQUS

~~DISQUS~~

Last update: 2017-12-13 17:29 battery\_compatibility:can-bus\_bms-cable [https://www.victronenergy.com/live/battery\\_compatibility:can-bus\\_bms-cable?rev=1513182574](https://www.victronenergy.com/live/battery_compatibility:can-bus_bms-cable?rev=1513182574)

---

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

Permanent link: [https://www.victronenergy.com/live/battery\\_compatibility:can-bus\\_bms-cable?rev=1513182574](https://www.victronenergy.com/live/battery_compatibility:can-bus_bms-cable?rev=1513182574)

Last update: **2017-12-13 17:29**

