

USER MANUAL

Communication Interface
VE.CAN to CAN-bus
BMS Type A 5m

VE.Can to CAN-bus BMS Cable Manual

Use these VE.Can to CAN-bus cables to connect a CAN-bus-supported battery to a GX device.

1. Selecting the Correct Cable

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

- BYD B-Box
- Pylontech US2000C / US3000C / UP5000 / Force-L

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

- LG Chem Resu
- AXIstorage
- BMZ
- Pylontech US2000 / US3000 / UP2500
- Solar MD BMS EX

2. Installation

The side labelled 'CAN-bus BMS' connects to the battery. The other side, labelled 'VE.Can', must be connected either to the VE.Can port or the BMS-Can port of the GX device.

Both port types (VE.Can and BMS-Can) on the GX device can be configured for use with a third-party CAN-bus BMS battery.

For configuration instructions, refer to the manual specific to the battery brand you are using.

3. Pin-out

In some cases it may be necessary to make a cable on-site. The pin-outs are listed below. Make sure to test any self-made cable very carefully after crimping. Custom cables are very often the cause of problems that are extremely difficult to diagnose.

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
CAN-L	Pin 8	Pin 5
CAN-H	Pin 7	Pin 4

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