

How do I connect a JK BMS to solarassistant?

Select one or more USB cables and click connect: Plug the RS485 USB cable into the SolarAssistant monitoring device. Once you click "connect" on the configuration page, you should see each BMS show up as a battery pack as shown below. One pack will be shown for each JK BMS connected in step 2 above. How to connect a JK BMS to SolarAssistant.

How does solarassistant work?

When using the ports on the right, SolarAssistant will "listen in" on parallel communication going between the JK BMSs that are connected together. This is similar to how the official JK BMS software works. When using the port on the left, you need to configure the BMS to use the "000 - 4G-GPS" protocol using the official JK BMS software.

What RS485 cable do I need for a JK inverter BMS?

This guide is for the newer JK inverter BMS, also known as the JK PB BMS range. See our original JK BMS guide if you have their older original BMS. Use a Seplos RS485 BMS cable. If you are creating your own cable, note that RS485B on pin 1 and RS485A on pin 2.

How accurate is solarassistant BMS?

Let SolarAssistant perform its own state of charge (SoC) calculation by counting power flowing in and out of the battery. This is a good fallback option for anyone who can't get a real BMS reading. It's less accurate than a Victron BMS but much more accurate than the standard voltage based readings of an inverter.

How do I configure a JK BMS to use 4g-gps?

When using the port on the left, you need to configure the BMS to use the "000 - 4G-GPS" protocol using the official JK BMS software. This is the protocol also used by the original JK BMS. On the SolarAssistant configuration page, select the "JK BMS" protocol as shown below. Select one or more USB cables and click connect:

Can a virtual BMS communicate with a sunsysnk?

Given that the Pace and JK bms has protocol information to work by, it is possible to concentrate the metrics in order to create a single virtual BMS communicating to the Sunsysnk. However, the Sunsysnk will see a single but accurate aggregate of the SOC's, it will not display individual SOC's.

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We recommend using a battery BMS cable or the Emulated BMS. Emulated BMS: Let SolarAssistant perform

it's own state of charge (SoC) calculation by counting power flowing in and out of the battery. This is a good fallback option ...

Connecting the JK inverter BMS Overview. This guide is for the newer JK inverter BMS, also known as the JK PB BMS range. See our original JK BMS guide if you have their older original BMS. Battery communication cable. Use a Seplos ...

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