United Kingdom solar assistant jk bms

How do I connect a JK BMS to solarassistant?

Select one or more USB cables and click connect: Plug the RS485 USB cableinto 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.

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 it's 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.

Does JK BMS have an active balancer?

All JK BMS models that we stock have an Active Balancerbuilt-in for 4S or 8S 200A LiFePO4 battery with Bluetooth &temperature sensor.

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 possibleto concentrate the metrics in order to create a single virtual BMS communicating to the Sunsysnk . However ,the Sunsunk will see a single but accurate aggregate of the SOC's ,it will not display individual SOC's .

- 2 LV6548"s, and Victron smart shunt using Solar Assistant. - Finally after all this time!... an easy way to monitor my JK-BMS 2amp balancer using ESPhome (Bluetooth Version install) that I found here. The JK-BMS monitoring was the last piece of the puzzle and I have screwed around for many many hours to only be disappointed until now.

- 2 LV6548"s, and Victron smart shunt using Solar Assistant. - Finally after all this time!... an easy way to monitor my JK-BMS 2amp balancer using ESPhome (Bluetooth Version install) that I found here. The

JK-BMS ...

United Kingdom. Feb 25, 2024 ... SOC, total battery voltage and current for the last 24 hours as shown in Home Assistant? M. MrPablo Solar Enthusiast. Joined Jan 1, 2024 Messages 167 Location United Kingdom. Feb 25, 2024 #5 ... As for the JK BMS settings, I"ll check exactly what these should be in the morning, UK time.

United Kingdom. Nov 1, 2024 #2,303 Sleeper85 said: ... (deducted from the maximum current set on the JK bms). Sleeper85 Open Solar Energy. Joined Nov 28, 2022 Messages 980 Location ... I also have Solar Assistant connected via RS485 and I also have a very basic Home Assistant setup (very basic). Is this the correct project to do this and how ...

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 ...

I do (I don"t have JK BMS though). I have it connected using the Victron cable to my Solar Assistant Raspberry Pi. It works and was easy to set up but there are some issues with the data in SA. The battery dashboard shows the data from the Victron Smart Shunt correctly but not all the data is making it to the charts tab, e.g.

My Inverter prefer fix charge voltage. I observed some dedicated BMS shipped with whole pack of high quality battery over months connected to the inverter via Rs485 and it only applies a single voltage 56V during the charging and sometime does resetting SOC by trying to lengthen the charging process to make cell be as close to 3.45 as better.

@MrPablo: by the way, unless I misunderstand something, it should be possible to use 2 x CAN OR 1 x CAN + 1 x RS485 OR 2 x RS485 on each ATOM S3 Lite . OR + OR + OR + Just some food for though concerning multi-battery communication. But if each JK BMS communicates via BLE/Wire to one of these slaves, then you send everything via CAN/RS485 ...

Hi everybody im thinking about making a new battery pack of 72v 100ah I heard that Jk Bms are better than Daly but between JK bms with Bluetooth or Jia... Forums. New posts Registered members Current visitors Search forums Members. What"s new. ... Solar Enthusiast. Joined Jan 2, 2021 Messages 585. Oct 2, 2023 #2 I have both BMS"s.

I have a JK-B2A20S20P BMS in my battery room but I want to extend the Bluetooth signal. Is there a way to do this? ... Solar Enthusiast. Joined Apr 26, 2022 Messages 566. ... Make sure you get one natively supported in home assistant. The esp32 talks to the BMS with bluetooth and relays that information to home assistant via wired or wireless ...

United Kingdom solar assistant jk bms

The BLE on the JK BMS HW v10 isn''t that powerful. I could connect through my bedroom ~4m away through the window (and gips panels in the garage) using my smartphone and the JK BMS app to HW v11, but HW v10 has a lower range. ... United Kingdom. Mar 10, 2024 #270 silverstone said: ... - Provide a screenshot of every single field from the ESP32 ...

DIY Solar Products and System Schematics. ... United Kingdom. Apr 22, 2023 #1 Hi all. ... When it is fully charged (via a Multiplus on 230V shore power supply), the JK BMS cuts the charging off due to Cell Voltage Over Voltage Protection (14.4V, 3.6v/cell). The battery then stops charging.

First AtomS3 doesn''t have many GPIOs, it would be possible to supervise 3x UART JK-B BMS by soldering wires on the Atomic CAN bus base. JK-PB BMS can all be supervised from a single pair of GPIOs via the RS485 network. With the solution below you can monitor max 15 JK-PB BMS (in production at a user with 7x JK-PB). View attachment 260144

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 RS485 BMS cable. If you are creating your own cable, note that RS485B on pin 1 and RS485A on pin 2. BMS port - Option 1

Pulling the data into Home Assistant through the UART port connected to an ESP32 chip running ESPHome. The ESP chip sends all the data from the bms over Wifi. I have a new JK BMS coming in the mail - planning to set that up the same way this weekend with ESPHome. This one however I can connect via bluetooth instead of having to hard wire it.

- Provide a screenshot of every single field from the ESP32 as shown in home assistant. - Provide a picture of the inverter screen (the actual screen, not the app), including the 3 LEDs above it (power, alarm and operation). ... United Kingdom. Mar 10, 2024 #277 ... But of course using @Sleeper85 on each JK BMS is also an option, ...

Web: https://www.nowoczesna-promocja.edu.pl