Bhutan solar assistant jk bms

Monitor JK BMS with Solar Assistant? @Nami It would be really good if you guys could provide a simple TTL/USB converter with the right connector for the BMS, so one can skip the RS-485 conversion. Or even just a connector with wires so one can attach a third party TTL/USB converter.

It"s less accurate than a Victron BMS but much more accurate than the standard voltage based readings of an inverter. USB Daly UART/RS485: Daly BMS UART/RS485 Deligreen BMS UART/RS458 Heyo BMS UART/RS458: USB JBD UART/RS485: JBD BMS UART/RS485 Overkill Solar BMS UART/RS485 QUCC BMS UART/RS485: USB JK RS485: JK BMS RS485

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 ...

How to connect a JBD or Overkill Solar BMS to SolarAssistant. ... Configuration CAN bus CFE battery Daly BMS Dyness / Mecer EG4 Felicity Solar Giter JK BMS JK inverter BMS JBD / Overkill BMS Revov Seplos BMS Shoto BMS SOK SolarMD SunSynk Trophy Vestwood. Grid. ... Home Assistant. Setup Broker setup Energy dashboard Adjusting solar settings ...

The new JK PM BMS is not yet supported by these solutions, my JK PB BMS is on 15.17 and I connect to it via Wifi using a HiFlying EW11 with a Virtual Serial port on the PC so I can connect and monitor the batteries anywhere on the local Lan. Once one of your solutions adds the JK PB BMS I will try them out.

Configuration CAN bus CFE battery Daly BMS Dyness / Mecer EG4 Felicity Solar Giter JK BMS JK inverter BMS JBD / Overkill BMS Revov Seplos BMS Shoto BMS SOK SolarMD SunSynk Trophy Vestwood. Grid. ... Home Assistant. Setup Broker setup Energy dashboard Adjusting solar settings. Integration. MQTT API Node-RED. Software updates. Overview Changelog ...

Hi all, recently "upgraded" to the new JK Inverter BMS from the old style JK BMS, and it is significantly better system. I have it hooked up with a 14S 18650 system, running to a Sofar HYD6000 hybrid inverter. Since hooking it all up ...

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.

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JK BMS - a month ago I would have said this is the clear choice. However the recent posts about the lack of support, SOC problems, etc make me not want to get it. ... Mine just works and I can monitor 15 if networked together using Solar Assistant. Danke Solar Wizard. Joined Apr 5, 2022 Messages 2,907 Location 36N 93W. Oct 23, 2024

If you are unable to get SolarAssistant connected to your JK BMS, we suggest trying to read your BMS with the official JK BMS software. Once it"s reading successfully, SolarAssistant should be able to read the battery via the same ...

@maks2204 That is great to hear you got it running an a 2560! I was a bit concerned that it would run out of ram to hold the RS485 responses on an 8-bit micro but clearly it works well. @AshleyL: It should not affect the ...

Connecting a JBD or Overkill Solar BMS Protocol selection. On the SolarAssistant configuration page, select the protocol below. You can select more than one JBD USB adapter: Connections and components. You need a JBD ...

It"s currently connected to solar assistant via USB. G. goldserve Solar Enthusiast. Joined Apr 26, 2022 Messages 557. Oct 29, 2024 #2,278 ... You do need one other JK BMS connected via BLE or RS485 or UART TTL for the YAM BMS to function. Reactions: Fahmula. G. goldserve Solar Enthusiast. Joined Apr 26, 2022 Messages 557.

Configuration CAN bus CFE battery Daly BMS Dyness / Mecer EG4 Felicity Solar Giter JK BMS JK inverter BMS JBD / Overkill BMS Revov Seplos BMS Shoto BMS SOK SolarMD SunSynk Trophy Vestwood. Grid. Eskom Europe. ... Home Assistant. Setup Broker setup Energy dashboard Adjusting solar settings. Integration. MQTT API Node-RED. Software updates ...

M?l bych takový skromný dotaz. Nem?l by n?kdo v okolí Kop?ivnice na instalován Solar Assistant na vyzkou?ení? Mám Axperta a p?estal kominukovat s originál softwerem. Na monitoring mám RP pi a na n?m Solaranzeige a funguje. Cht?l bych dálkový dohled tak proto bych cht?l vyzkou?et Solar Assistant.D?kuji.

Set the JK PB BMS to FSS Canbus (SMA Canbus name given by JK for reasons unknown) and turn on the 48V connection. ... Solar Assistant (And DeyeCloud or Solarman Smart) with Deye Inverters and Seplos V3 BMS - a couple of questions. crossy; Aug 27, 2024; DIY Solar General Discussion; Replies 3

Don"t think jk bms support pylontech. Solar Assistant will have to do. It does provide battery info but not accurate of course. B. birc New Member. Joined Feb 8, 2023 Messages 1 Location KATOWICE. Feb 22, 2023 #136 Hi i just finish setup my connection with inverter must pv1800 and bms jk 8s

I have a Growatt SPF5k inverter with two Lifepo4 batteries, each controlled by it"s own BMS (JK 100A). I

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there a way to connect both BMS"s to Solar Assistant? Currently it"s only one connected via RS485 dongle and the details aren"t accurate (-50%). Option would be to use inverter settings but I don"t want to lose the details provided by the BMS.

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

Add-on for Home Assistant to connect JK, JBD, Daly, ANT, SOK and Supervolt BMS via Bluetooth - fl4p/batmon-ha. ... Add-on for Home Assistant to connect JK, JBD, Daly, ANT, SOK and Supervolt BMS via Bluetooth - fl4p/batmon-ha ... There is a few setting but as you can see from "the solar garage" video it is not as accurate as you would hope.

Couple last days I spent to try connect my BMS from JK 2A14S15P with Anern inverter. It doesn"t matter what I try everything what I do it didn"t work. I have 2 converter from RS to USB. Both of them don"t work with this BMS. Even i tryto connect BMS with computer or inverter or Rpi (solar assistant). Bluetooth works.

Typically the right two RJ45 jacks are used for battery to battery communications. The middle RJ12 jack is for Computer (or Solar Assistant) communications and the left RJ45 jacks (RS485 and CAN) are used for Master BMS to Inverter communications. The JK BMS manual counts pins on the double RJ45 jacks from left to right as pin 1 though pin 16.

Monitor and control various Battery management systems (BMS) over Bluetooth. This add-on reads the BMS and sends sensor data through MQTT to Home Assistant. Using bluetooth on the Home Assistant host system, it does not need any additional hardware (no USB/Serial/RS485).

Solar assistant will see multiple JK"s at a time. You can use the Smart shunt as a stand alone to verify/confirm the bms/Solar assistant data. JK"s can be dialed in for very accurate SOC. As far as I know bms brand mixes or bms plus shunts won"t work together with Solar Assistant.

Just like the picture at the top of this thread which comes from here https://solar-assistant.io/help/battery/jk-bms. A USB RS485 adapter using the FTDI chip bought from Amazon, plugged into the JK BMS RS485 module. The JK BMS RS485 module connected to the BMS using the GPS port.

Dup? conectare ?i la portul USB de la Raspberry PI vom putea selecta în Solar Assistant protocolul USB JK RS485 ?i apoi adaptorul (USB USB Serial), dup? care vom putea ap?sa pe Connect. În imaginea de mai jos am 2 BMS-uri conectate simultan (USB1 USB Serial ?i USB2 USB Serial).

I am trying with USB to TTL (FT232BL chip) and B2A8S20P-HC model. i can successfully send the TX data

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through python script (similar to grafana). But, nothing/ blank in return. any one successfully read the BMS through FT chip?. Using CAN/ RS485 port and RS485 enabled in app Rx->Tx and Tx->Rx...

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