



# Thailand 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 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.

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.

Does ESP32 work with JK-BMS?

This ESP32 is monitoring the JK-BMS as is in the picture. (I'll mount it later) through bluetooth. Love ESP technology! Would you be able to say how you got the ESP32 working with your JMS into Home Assistant? I'd love to sort that out - have the parts here! Would you be able to say how you got the ESP32 working with your JMS into Home Assistant?

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 settings but as you can see from "the solar garage" video it is not as accurate as you would hope.

Dupa conectare si la portul USB de la Raspberry PI vom putea selecta Solar Assistant protocolul USB JK RS485 si apoi adaptorul (USB USB Serial), dupa care vom putea apasa pe Connect. imaginea de mai jos am 2 ...

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.

I have a vacation home and I need to be able to monitor/change the BMS settings remotely. I have a VPN setup on my router, so I have access to my local network. My current setup: 2x Deye 16k inverters 96x 280Ah



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Eve Cells (built into 3 packs) Solar Assistant on Raspberry Pi for monitoring. 3x JK Inverter BMS"s (I"m not happy with these)

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 2,929 Location 36N 93W. Oct 23, 2024

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 ...

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 ...

if u have a device to take data from jk to Solar assistant conected on jk bms u can connect this on BT. the mqtt service will be available so u can send data interface directly. u can make the small interface only with can port. What is ur inverter? W. wongyan19 New Member. Joined Jun 2, 2021

Thailand. Nov 26, 2024 #1 I have a Deye inverter. I"m adding two no-name batteries with a Seplos-compatible BMS and an Orange Pi running Solar Assistant. ... JK BMS B2A8S20P (and family members) Pepijntje Madurodam; Nov 30, 2024; ...

Dupa conectare si la portul USB de la Raspberry PI vom putea selecta &#238;n Solar Assistant protocolul USB JK RS485 si apoi adaptorul (USB USB Serial), dupa care vom putea apasa pe Connect. &#206;n imaginea de mai jos am 2 BMS-uri conectate simultan (USB1 USB Serial si USB2 USB Serial).

ESP32 and ESP32-S3 can connect to max 3x ble\_client but in reality if I take the example of JK-BMS it is possible to supervise max 2x BMS without having problems. Concerning Seplos, the only solution to connect it to YamBMS is via RS485. More information about the component used for Seplos.

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 ...

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 ...



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Open Solar Energy. Joined Nov 28, 2022 Messages 983 Location Belgium. Oct 1, 2024 #2,102 ... When you see Became unavailable it means that Home Assistant can no longer receive the information, ... BMS model : jk-pb2a16s20p BMS protocol : BLE RS485 board : ...

current setup- CAN bus from SOK server rack to SOL-ark-15k. RS485 from SOL-ARK-15k to Solar-assistant. The solar-assistant picks up on basic battery information from the BMS- voltage, temp etc. can people share their setups where they get the pack level information from the BMS straight to...

Solar Assistant gives you the ability to manipulate the inverters settings based on your batteries SOC. You can program in SOC thresholds and timeframes and have the inverter change from SBU to SUB to get power from the grid till your batteries get recharged to a set SOC. ... Help me understand and choose jk bms Deegore; Jul 7, 2024; BMS ...

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.

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 ...

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.

Thailand USD Courier: DHL/Fedex/Passport 14-21 days Timor-Leste USD Courier: DHL/Fedex/Passport 14-21 days ... Seplos BMS; Shoto SDA10 and SDC10-Box; Rentech BTESF; Trophy 48V range; Vestwood VT range; Specification: USB to RJ45; RS485; Original FTDI chip; Length: 1.8m; Shielded;

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

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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12,500??? ???paco 48v 100Ah ??2022 bms ?????????? jk 80/150A ??????????????????????  
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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.

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.

Thailand, just north of Bangkok. Oct 29, 2024 #3 ... Thread "My jk bms just exploded after i enabled charge, and i dont know why. See pictures. i need help" Aug 11, 2023 ... RS232 port - Solar assistant adolfotregosa; Nov 6, 2024; DIY Solar General Discussion; Replies 22 Views 678. Monday at 5:54 PM. Papajunk. P. R. JK BMS to Midnite AIO ...

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.

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.

Web: <https://kindanewdecor.co.za>

