Lithuania 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.

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.

How do I connect RS485 to my solarassistant monitoring device?
On the SolarAssistant configuration page,select the protocol below. Select one or more USB cables and click connect: Plugthe 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.

Does esphome support solar assistant?
ESPHome component to monitor and control a Jikong Battery Management System (JK-BMS) via UART-TTL or BLE - syssi/esphome-jk-bms Adding support to Solar Assistant should not be an issue. Click to expand... I would like to sincerely tank you for sharing the functionality freely and not asking money for it.

How reliable is solar assistant?
Solar assistant has nothing to do with that by the way. It only reports what it's being told by your inverter and your battery. A bit disappointed with what it shows. The Daly showed highest and lowest cell voltage. The JK's state of charge is wrong. SOC indicator of BMSs are notoriously unreliable.

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?

I thought I would share my Home Assistant dashboard that I"m using on a cheap Samsung A7 pad. I am using it for smart home applications, but also monitoring my: - Mains power and Sub-Panel (As a deduct reading) using ESPhome and 2 sets of CT clamps. - 2 LV6548"s, and Victron smart shunt using Solar Assistant.

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

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 for anyone who can"t get a real BMS reading.

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.

Connecting a JK BMS Overview. This guide is for the original JK BMS. See our JK inverter BMS guide if you have their newer "JK PB" BMS range. Step 1 - Connections and components. The typical setup requires the two components below. We do not sell any of them. JK BMS RS485 module; USB RS485 adapter (ensure it"s not TTL). We recommend FTDI chip ...

I"m querying the jkbms via bluetooth every minute and besides being slow sometimes it gets stuck, so I tried to switch to the solution presented by the solar assistant lsusb: Bus 001 Device 007...

We investigated a similar case with the JK BMS and found the following: even though SolarAssistant retries reading the BMS, it doesn"t close and reopen the USB serial device. We"ve made a fix to the problem that will detect if the retry isn"t working for 30 seconds, then it will close and reopen the USB device.

If you want to integrate JK-BMS to HA, there is already a fully working solution developed by Sebastian Muszynski. This is an ESPHome component so you just need to connect an ESP32 or ESP8266 board directly to the JK-BMS.

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