



# Guadeloupe 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.

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:

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?

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 thank you for sharing the functionality freely and not asking money for it.

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. ...

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 ...

Pulling the data into Home Assistant through the UART port connected to an ESP32 chip running ESPHome.



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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.

As it has a virtual BMS that uses coulomb counting and seems quite accurate in testing with others, but it does not allow the automation of HA. I am using a JK/Heltec BMS and have the official BMS RS485 cable but have ...

Is the JK BMS need to plug on the Esp32 before the AP appear cause it finish download but the AP doesn't appear. View attachment 166096 ... It stays connected up to an hour this way, based on Solar Assistant data (since the battery SOC will display as 100% when connected due to the UART BMS displaying 360%)., after that it will disconnect ...

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->Tx and Tx->Rx...

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 ...

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

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.

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

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



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wired or wireless ...

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.

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've just released the full guide to build a WiFi Dongle for JK BMS or DALY BMS ( new and classic models ) . My work is the results of two years of development with the community contribution The WiFi Dongle export WebPages, MQTT / MODBUS TCP / PushSaver / IotMqtt Panel / 6 Month Logger - all in one .

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

Web: <https://www.solar-system.co.za>

