



Upload PV inverter data to computer

How to pull power & generation data from a zeversolar inverter?

Hi, In case you have a Zerversolar inverter with ethernet /WiFi connection, then FYI it's very simple to pull power & generation data directly from the beast itself. Simply call `http://<inverter_ip_address>/home.cgi`

How do I access production and event data from SMA inverters?

Production and event data from the inverter can be used for monitoring and troubleshooting purposes. This article describes how to access data from SMA inverters without an integrated web server such as STPxxTL-30. Login to Sunny Explorer as an Installer. If you do not know the password, contact the original installer or SMA Service for a PUK.

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How to comms between rpi4 & sunsynk 5.5 inverter?

The comms between my RPi4 and the Sunsynk 5.5 inverter is done using the Sunsynk BMS RS485 port wired to a standard (RS485 to RS232 Converter) and then to a standard (RS232 to USB converter). This comms setup gave me the most stable and fastest/reliable way to get the data from the Sunsynk.

How do I get data from Solis 4G inverter to emonhub?

I have now got my emon-pi fetching data from the Solis-4G inverter (using FTDI USB-RS485-WE-1800-BT RS485-USB adapter) and forwarding the data to the Emonhub running on the emonpi using the socket interfacers functions. The emonhub then forwards it to my main installation of emoncms.

Which solar inverters use hex values?

i.e Canadian solar, Solis, Sofar, Ginlong (any type) if it uses the wifi stick or lan adapter you can pull the values, from my brief research there are around 90 odd inverters that use these same hex values. This doesn't work for the MPP USB/RS232 or all in one units but I think that's already covered in ICC solar plus many other bits of software.

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