master

Go to file | Code

njfaria Update suporternames.md ... on 13 Feb 107

config solpi...	version 1.4.1	6 years ago
configPVou...	Help file config pvoutput	6 years ago
docs	Update suporternames.md	6 months ago
release	release changes	2 years ago
HS_MS_MS...	Add files via upload	6 years ago
LICENSE	Update LICENSE	6 years ago
README.md	version 3.1.1	12 months ago
solPipLog.ico	2.0.0	5 years ago
solpiplog.gif	Add files via upload	6 years ago
solpiplog.p...	logo	6 years ago
solpiplog1....	2.5.0 Lion	2 years ago
solpiplog2....	2.5.0 Lion	2 years ago

README.md

About

Logger for the PIP Inverter series (USB / RS232 version)

#mqtt #pip #emoncms #raspberry #pvoutput #inverter #effekta #axpert #mppsolar

Readme

Apache-2.0 license

65 stars

23 watching

26 forks

Releases 17

MAX Latest
on 18 Aug 2021

+ 16 releases

Packages

No packages published

SolPipLog 

Logger for the PIP Inverter series (USB + RS232 version)

- Voltronic Axpert, Mppsolar PIP, Voltacon, Effekta, KING and other branded Oems
- integratation with Victron Battery Monitor
- integration with Daly BMS
- integration with Batrium BMS
- integration with Pylontech
- want to support me ? 

- working on Raspberry Pi2/Pi3/Pi4 version.
- sends data over MQTT
- change by time to grid or to batterie/solar
- change by time charge order
- change on SOC to grid or to batterie/solar
- logs data from Inverter to remote or local Emoncms server
- logs MULTIPLE USB Inverter (v. 2.3.0 and up)

Emoncms is an open-source web application for processing, logging and visualising energy, temperature and other environmental data and is part of the OpenEnergyMonitor project.

- sends data to PVOutput.

PVOutput is a free service for sharing and comparing PV output data.

Install

- For **RASPBERRY** users. Copy folder **"sol"** to yout

"**/home/pi**" directory. Execute "setup.sh" which is inside "sol" folder

- make **solpiplog** executable with
  - **sudo chmod +x solpiplog** or
  - change it with graphical interface inside of Raspberry. Right click on file - properties - permissions tab - tick execute allow excecuting file as program
  - problably you dont even need to do it, if i dont forget to make it executable :)
- create an account on Emoncms or install **Emoncms** on your own server.
- optional: create an account on PVOutput.
- configure **SolPipLog** with your Emoncms API-Key
- optional configure **SolPipLog** with your PVOutput SystemID and API-Key.
- choose autoload config and start and press on Save (if you restart SolPipLog it loads the config file and runs.)

Values sent to Emoncms when logging with node

Values sent to Emoncms when logging with pip serialnumber/name

Values sent over MQTT for Inverter

Version

Release

release v3.1.1.20210816

Examples

- solar

Image

- image image based on RASPBIAN Buster, RealVNC

installed, Emoncms installed, MQTT installed burn with etcher.io or similar software. username:pi password:solpiplog

follow on http://www.photovoltaikforum.com/datenlogger-f5/usb-datenlogger-fuer-pip-serie-solpiplog-t114101.html

Appearance