Release Notes
(Solar-Log™ 5.1.1 Build 155, 17.11.2020)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

Extensions

Delta Sunspec:

- Delta RPI M70A

Huawei:

- SUN2000-63KTL-JPH0, SUN2000-100KTL-USH0, SUN2000-100KTL-H1, SUN2000-100KTL-H0, SUN2000-90KTL-H1, SUN2000-95KTL-INH0, SUN2000-90KTL-H0, SUN2000-105KTL-H0, SUN2000-100KTL-H2, SUN2000-105KTL-H1, SUN2000-105KTL-USH0, SUN2000-90KTL-H2, SUN2000-95KTL-INH1, SUN2000-100KTL-M0, SUN2000-100KTL-M1, SUN2000-100KTL-INM0, SUN2000-110KTL-M0, SUN2000-125KTL-M0

Bug fixes

Keba:

- In rare cases only one third of the possible power was used for charging. Fixed.

Huawei V2:

- The firmware 4.2.7 Build 116, UDC was recorded incorrectly if both trackers were occupied. Fixed.

SofarSolar:

- Power frequency is now read out correctly.

Azzurro:

- Detection sometimes resulted in wrong tracker count and wrong data. Fixed.

Kaco blueplanet 87.0 – 150 TL3:

- Yield value was not recorded correctly. Fixed.

Extensions

FTPS:

- The data format to be transferred can now be selected („Solar-Log“, „CSV V0.1“, „CSV V1.0“).
- The encryption can be deactivated (transfer via FTP).

Adjustments

Web interface:

- System info: FTPS Export is now shown in the Data transfers section.

Bug fixes

- If you unplug the device a short time after saving settings via the web interface, they will no longer be lost.

CSV export:

- From now on a separator is also inserted between devices.

Feed-in management:

- Calculation of fixed CosPhi values on master/slave systems has been corrected.

FTPS:

- Special characters can now be used for the FTP/FTPS user name.

Device definition:

- Omnik inverter name is shown again when selecting the device definition.

Device detection:

- Detection of Aros and Riello works again.

Release Notes
(Solar-Log™ 5.1.0 Build 154, 02.03.2020)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

Bugfixes

ADAM 4068:

- Switching commands from the Smart Energy Logic are now passed on to the box again. This was no longer the case with firmware 5.1.0 Build 154 dated 19.02.2020.

Release Notes
(Solar-Log™ 5.1.0 Build 154, 19.02.2020)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

New

E3DC:

- Series S10:
  S10 E, S10 E Pro, S10 Mini.

Growatt X Generation:

- MIN Series:
  MIN 2500TL-X, MIN 3000TL-X, MIN 3600TL-X, MIN 4200TL-X, MIN 4600TL-X, MIN 5000TL-X, MIN 6000TL-X, MIN 2500TL-XE, MIN 3000TL-XE, MIN 3600TL-XE, MIN 4200TL-XE, MIN 4600TL-XE, MIN 5000TL-XE, MIN 6000TL-XE, MIN 2500TL-XH, MIN 3000TL-XH, MIN 3600TL-XH, MIN 4200TL-XH, MIN 4600TL-XH, MIN 5000TL-XH, MIN 6000TL-XH.
- MID Series:
  MID 15KTL3-X, MID 17KTL3-X, MID 20KTL3-X.
- MAC Series:
  MAC 30KTL3-X LV, MAC 40KTL3-X LV, MAC 50KTL3-X LV, MAC 60KTL3-X LV, MAC 50KTL3-X MV, MAC 60KTL3-X MV, MAC 66KTL3-X MV, MAC 70KTL3-X MV.
- MAX Series:
  MAX 50KTL3 LV, MAX 60KTL3 LV, MAX 70KTL3 LV, MAX 80KTL3 LV, MAX 60KTL3 MV, MAX 70KTL3 MV, MAX 80KTL3 MV, MAX 90KTL3 MV, MAX 100KTL3 MV.

Extensions

New:

- PM+ support with the Mod I/O.

INVT:

- New US models:
  BG7KTR, BG9KTR, BG10KTR, BG12KTR, BG15KTR, BG17KTR, BG20KTR, BG25KTR, BG30KTR.

Omnik:

- Omniksol TL2-Serie: Omniksol-1k-TL2-M, Omniksol-1.5k-TL2-M, Omniksol TL3-Serie: Omniksol-2k-TL3-S, Omniksol-2.5k-TL3-S, Omniksol-3k-TL3-S, Omniksol-3k-TL3, Omniksol-3k-TL3, Omniksol-3.68k-TL3, Omniksol-4k-TL3, Omniksol-5k-TL3, Omniksol-6k-TL3.

Azzurro:

- AZZURRO 20000TL-G2, AZZURRO 25000TL-G2, AZZURRO 30000TL-G2, AZZURRO 33000TL-G2.

Bugfixes

Web interface:

- Configuration / Internet / Export: SSL certificates can now be successfully uploaded, if valid. With older firmware versions these were rejected by mistake.

Sungrow:

- Data recording from devices with a maximum of 3 MPP trackers works again.

Fronius Symo Hybrid:

- Improved recorded value for foreign batteries.

System error:

- Fixed when operating with devices from Kostal (Modbus TCP), QCells or SMA Sunny Island.

Huawei V2:

- Read out correct DC values, even if not all trackers are connected.
- The tracker values are now correctly recorded for 3-20KTL size models marked with M0, M1 and M2.

Various manufacturers:

- Daily yield was sometimes not correctly summed.

Large displays:

- Problems with the processing of large displays fixed.

Ingeteam:

- Communication stability improved.

Chintpower (Modbus), Solectria (V4), Canadian Solar (CSI-CT):

- Enhanced behaviour in case of failed inverter communication.

Adam:

- Increased system stability.

Release Notes

(Solar-Log™ 5.0.2 Build 153, 22.10.2019)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

Bugfixes

SMA Speedwire:

- Data could not be retrieved from the Devices. Fixed.

Release Notes
(Solar-Log™ 5.0.2 Build 152, 15.10.2019)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

Extensions

Huawei V2:

- SUN2000-3KTL-M0, SUN2000-4KTL-M0, SUN2000-5KTL-M0, SUN2000-6KTL-M0, SUN2000-8KTL-M0, SUN2000-10KTL-M0, SUN2000-12KTL-M0, SUN2000-15KTL-M0, SUN2000-17KTL-M0, SUN2000-20KTL-M0, SUN2000-3KTL-M1, SUN2000-4KTL-M1, SUN2000-5KTL-M1, SUN2000-6KTL-M1, SUN2000-8KTL-M1, SUN2000-10KTL-M1, SUN2000-8KTL-M2, SUN2000-10KTL-M2, SUN2000-12KTL-M2, SUN2000-15KTL-M2, SUN2000-17KTL-M2, SUN2000-20KTL-M2.

Sungrow:

- SG33CX, SG40CX, SG50CX, SG110CX.

Adaptions

- Improved system stability during data processing.

GoodWe:

- For devices with 4 mpp-trackers the tracker values are now recorded separately.

sonnen Eco 8:

- The Solar-Log™ can communicate with devices using sonnen Firmware 1.11.

Bugfixes

- Increased stability when switching between metering modes.

Webinterface:

Configuration / Direct Marketing:

- Integrated OpenVPN-tunnel: the correct name of the direct marketer is now shown.

Components:

Sungrow:

- The data aquisition is functional again.

Elkor MKII:

- The function to change the metering direction in bi-directional mode now works as expected.

RCT Power:

- All power reduction modes are now functional.

Keba:

- The target power required to start charging is now correctly calculated for vehicles that charge with less than 3 phases.

SMA Sunspec:

- The detection did not work anymore. Fixed.

SMA Core1:

- Fixed recording wrong values in cases of communication failures.

Fronius TCP:

- Increased the fault tolerance when reading the battery values.

Release Notes
(Solar-Log™ 5.0.1 Build 151, 26.08.2019)

for Solar-Log Base

Inverter/SCBs/Meter/Battery Systems/other Devices

NEW

Kostal Modbus TCP:

- Piko IQ 4.2, Piko IQ 5.5, Piko IQ 7.0, Piko IQ 8.5, Piko IQ 10
- PLENTICORE plus 4.2, PLENTICORE plus 5.5, PLENTICORE plus 7.0, PLENTICORE plus 8.5, PLENTICORE plus 10.0

Extensions

SolarMax:

- SolarMax 17SHT, SolarMax 20SHT, SolarMax 22SHT, SolarMax 25SHT, SolarMax 28SHT, SolarMax 30SHT
- SolarMax 6SMT, SolarMax 8SMT, SolarMax 10SMT, SolarMax 13SMT, SolarMax 15SMT
- SolarMax 1000SP, SolarMax 1500SP, SolarMax 2000SP, SolarMax 2500SP, SolarMax 3000SP, SolarMax 3600SP, SolarMax 4000SP, SolarMax 4600SP, SolarMax 5000SP

Adaptions

Huawei V1:

- All Firmware versions of the Huawei inverters 8-40 KTL can now communicate with Solar-Log™.

Bugfixes

Webinterface:

- Configuration / Devices / Configuration / Configuration: Meter:
  The mode „Utility Meter“ can now be chosen (only Solar-Log Base 2000).
- Configuration / Feed-In Management / Plant parameters:
  When changing „Agreed supply voltage in the medium-/low-voltage network“ or „Agreed reference voltage at the measuring point“ without entering the decimal place, the solar-log will not crash anymore.
- Diagnostics / Components / RS485:
  The bus analysis cannot be used on devices that do not support this functionality anymore (Usage resultet in an infinite waiting dialogue before).
- Network:
  If DHCP is activated for the first network interface, the name servers offered via DHCP are now used.

Components:

- Sofarsolar:
  The yield is now correctly shown for models Sofar50000TL, Sofar60000TL und Sofar70000TL-HV.
- Chintpower (Modbus), Solectria (V4), Canadian Solar (CSI-CT):
  Improved behaviour in case of communication errors.
- Varta:
  Improved the detection routine for Varta flex.
- RCT Power:
  The sum of the cosumption meter does not show 0 anymore, but the correct value instead.
- S0 Input:
  The derived Pac value does not keep the last value anymore, if no further im impulses are registered.