

## Release Notes

### (Solar-Log™ 5.1.0 Build 154, 02.03.2020)

for Solar-Log Base

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#### 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

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#### 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

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#### 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

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#### 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 acquisition 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

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#### 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.