

# Software update Change Log

Blueplanet gridsave 50.0TL3-S

## SW V5.34 to V5.56

Software update to Version V5.56 is an obligatory major Software update for blueplanet gridsave 50.0TL3-S and contains the following new features, modifications and bugfixes (basis V5.34):

- New Feature: Added support for country setting DE-NS2018 (Germany VDE AR-N 4105:2018) and DE-4110 (Germany VDE AR-N 4110)
- New Feature: Added support for country setting AT (TOR D4:2016)
- New Feature: Added support for country setting FR-VFR14
- New Feature: Added support for country setting IT-CEI016
- New Feature: Added support for country setting IT-CEI021
- New Feature: Added new EMS log file format
- New Feature: Increased maximum battery voltage to 1050V. For high battery voltages and low temperatures power is limited: S(Udc, Temperature).
- New Feature: Battery Limits monitoring
- New Feature: Added new parameter "Minimum battery voltage"
- Modified P(U) feature to Rev2
- Added Password Protection feature
- Modified FRT (Fault ride through) feature to Rev4.2
- Modified EID (Enhanced Island Detection) feature to Rev3
- Modified Connection Conditions
- Added Slim/Plim modifications Rev1
- Modified operational management
- New Feature: Added StVnd/prolog states 198, 199, 220, 221, 222, 223 and 225
- Bugfix/Modification: Cos-phi(P) - plausibility check for lock-in/out voltage, WebGUI improvements
- Modification: SunSpec model 103 and 113 - Changed cosPhi representation (PF) to be in the range from -1 to 1
- Modification: Updated WEBGUI version to V6.00
- Bugfix: PCU voltage is now scaled correctly
- New Feature: StVnd/prolog state 199 – "BatteryLimitsMissing" is now also set directly by the PCU. PCU error state (64201.PcuErr) 11 – "BATT\_LIMITS\_NOT\_SET" added.
- Bugfix: EMS Watchdog, SunSpec model 64201: Timeout was incorrectly reset when setting new active- / reactive power setpoints or active power filter parameters.
- Modification: SunSpec model 64203 - To prevent displaying outdated data, BatSOC, BatSOH and BatTemp are reset to zero after timeout condition
- Modification: SunSpec model 64201 - the unsupported state 10 – "PRE\_CONNECTED" is no longer displayed for CurrentState
- Modification: Increased robustness of DSP software update in case of DC supply power drop during update
- New Feature: Added support for newer versions of web browsers in bootloader
- Bugfix: corrected handling of feed-in / non feed-in state for switching of feed in LED

<b>Date</b>	22.05.2019	<b>Created</b>	Südbeck, Frank	<b>Checked</b>	Diebold, Steffen
-------------	------------	----------------	----------------	----------------	------------------