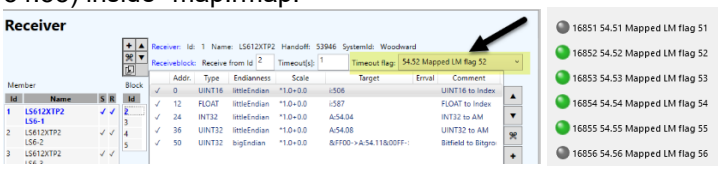
This **ERRATA Sheet** describes the latest known issues of easYgen-3000XT series devices.
The following short identifiers are used:

Short identifier:	Affected products:	Related Technical Manual(s):
XT-3K	easYgen-3000XT series	
31/32XT	easYgen-3100XT/3200XT-P1(-LT)	# B37574_TM
34/35XT	easYgen-3400XT/3500XT-P1 and –P2 (-LT)	
34/35XT-P1	easYgen-3400XT/3500XT-P1(-LT)	# B37580_TM
34/35XT-P2	easYgen-3400XT/3500XT-P2(-LT)	# B37581_TM

Green:	**Solved – no longer valid if using the latest edition!**

Known issues:

#	Date / Affected	Description *Remarks* ToDo
47	Found in revision 2.17-0	
	2025-10 **XT-3K**	**Relevant only if the Interconnect Mapper tool is used!** There is an issue with the "**Interconnect Mapper**" functionality where, under certain conditions, the timeout status bits remain permanently active instead of being deactivated as expected. This behavior occurs when a timeout flag is defined for the receiver, the corresponding "map.rmap" file has been uploaded to the device, and Interconnectivity is switched off. It seems that the interconnect function ignores the parameter "7487 Interconnectivity = OFF" and continues to evaluate the timeout. Consequently, if the partner device does not send data, the timeout flags are permanently set. This issue affects all timeout flags defined within the file. An accompanying image illustrates an example with four defined timeout flags (54.52–54.55) inside "map.rmap." 
		Will be fixed with the next software revision
		Work around: Timeout flags should not be used at all. This can be achieved by generating a new "map.rmap" file without defining any timeout flags.
46	Found in revision 2.17-0	
	2025-05 **XT-3K**	When the LogicsManagers “Operation Mode AUTO” (ID12510) or “Operation Mode TEST” (ID12271) AND any start request is active after power cycling, this can lead to a short start action (Duration <500ms).
		Will be fixed with the next software revision
		Work around: The LogicsManager “Operation Mode AUTO” on TRUE shall get a Delay ON time of minimal 1.00s The LogicsManager “Operation Mode TEST” on TRUE shall get a Delay ON time of minimal 1.00s
	Found in revision 2.17-0	

#	Date / Affected	Description *Remarks* ToDo
45	2025-05 **XT-3K**	When the parameter “Startup in mode” (ID1795) is configured on “AUTO” or “TEST” AND any start request is active after power cycling, this can lead to a short start action (Duration <500ms). *Will be fixed with the next software revision* Work around: Configure the parameter “Startup in mode” (ID1795) on “STOP” and use the according LogicsManager “Operation Mode AUTO” or “Operation Mode TEST” on TRUE. Take care that the Delay ON time is minimal 1.00s. (See #46 this Errata Sheet).
44	Found in revision 2.17-0	
	2025-05 **XT-3K**	It is not possible to setup the parameter ID 2645 "Shutdown execution delay" on the device HMI. *Will be fixed with the next software revision* Work around: Configure the parameter via ToolKit.
43	Solved with revision 2.16-0	
	2023-11 **XT-3K**	The parameter 5703 Max. positive phase angle GCB is not placed on the ToolKit page „Configure breakers / Configure GCB“.
	2024-06 **34/35XT-P1**	easYgen in GCB/GC mode: The Ethernet A communication between GC and easYgen does not run.
	2024-06 **34/35XT**	easYgen in GCB/GC mode: The GC communication diagnostic screens in ToolKit are missing.
42	Solved with revision 2.15-0	
	2023-11 **XT-3K**	• Event log entries "Open command GCB": If the opening of the breaker failed , it could happen that the corresponding open command was permanently entered in the event log. Now a new entry can only be made if the breaker was opened in the meantime, or a close command was active. • The configuration of Flexible Limits 19 and 20 did not work correctly. The configuration of the limit 19 had an impact on limit 20 and vice versa. This is fixed now. • The LDSS function in Mains Parallel Operation (MOP) being in mode Interchange, Closed transition or Open transition did not work correct. It could lead to a wrong start and stop behavior. This is fixed now. • Software versions 2.12-1 and older do not meet the specified maximum number of devices on Ethernet bus. This is fixed now. A buffer is now installed in software 2.12-4 and 2.15. For more information refer to the latest technical manual from Woodward.
	Solved with revision 2.13-0	

#	Date / Affected	Description *Remarks* ToDo
41	2022-11 **34/35XT**	• Active/Reactive power values from LSx in slave mode are now also available via Modbus protocol 5016.
40	Solved with revision 2.13-0	
	2022-11 **XT-3K**	• Better alignment between Modbus protocol 5016 and HMI values. • Corrected cylinder temperature monitoring with external analog inputs 1-16.
39	Solved with revision 2.12-2	
	2021-11 **31/32XT**	• Parameter for load share redundancy monitoring added.
38	Solved with revision 2.12-1	
	2021-11 **XT-3K**	• J1939 Volvo EMS proprietary J1939 data: If “15102 Device type” is configured to “EMS2 Volvo”, the J1939 proprietary values (page “J1939 Special”) are not indicated and not passed to the corresponding LogicsManager variables (03.73 to 03.85) and AnalogManager variables (09.19 to 09.23). • Remote control values (like start/stop speed biasing etc.) are transmitted correctly. For this reason the engine could be controlled but no proprietary J1939 data are available in the easYgen. • Scania S8 proprietary J1939 data: If “15102 Device type” is configured to “S8 Scania”, the J1939 proprietary values (page “J1939 Special”) are not indicated and not passed to the corresponding LogicsManager variables (14.22 to 14.35) and AnalogManager variables (09.26 to 09.29). Remote control values (like start/stop speed biasing etc.) are transmitted correctly. For this reason the engine could be controlled but no proprietary J1939 data are available in the easYgen. • J1939 failure codes DM1 and DM2 ToolKit: The J1939 failure codes DM1 and DM2 are not visible in ToolKit if “15102 Device type” is configured to the following devices: "Standard C", "S8 Scania", "ECU8/9 MTU" or "Hatz EDC7". • DM1 alarms of SPN 3719, 3720 DM1: Alarms of SPNs “3719 DPF 1 Soot load” and “3720 DPF 1 Ash load” are not indicated in the alarm list.
37	Solved with revision 2.12-0	
	2021-06 **34/35XT**	• Communication Ports: From easYgen version 2.10 on there are two issues recognized which are fixed now: 1. The timeout of the CAN load share message are too sensitive so that a load share message timeout is too early detected. 2. The CAN message send rate can have a negative impact on the Ethernet (B or B/C) timeout calculation so that a load share message timeout is too early detected.

#	Date / Affected	Description *Remarks* ToDo
		• Run-up Synchronization: Minor improvements were made in the run-up synchronization according to the easYgen and GC device.
36	Solved with revision 2.12-0	

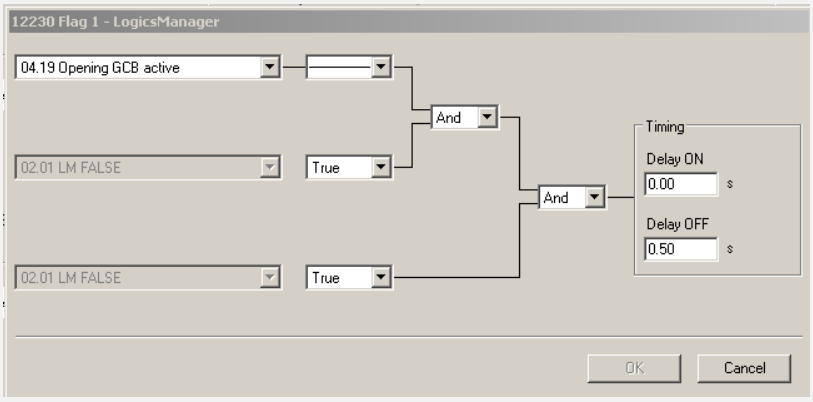
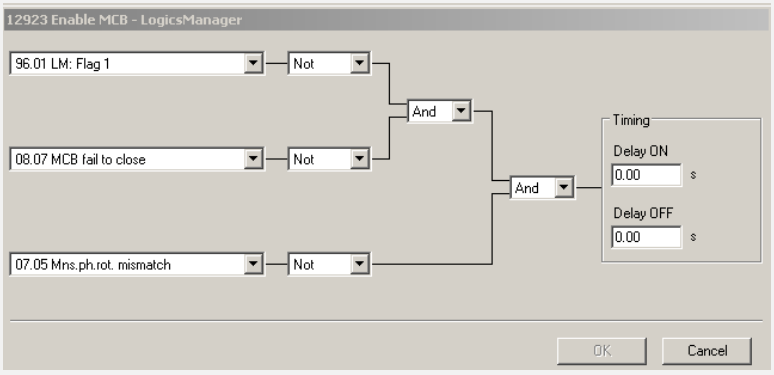
	2021-06
	
	XT-3K
		• Code level has changed
		  ○ Code level of parameter "10419 REBOOT" changed from 4 to 2.
		  ○ Code level of parameter "3228 Enabled changed from 4 to 2.
		  ○ Code level of parameter "3203 Enabled" changed from 4 to 2.
		• J1939: PGN 57344 Cab Message 1 CM1 (with SPNs 3695, 3696) now with flexible destination address.
		• The AnalogManager variable "05.88 Manual P setp. [kW]" is now presented in kW.
		• From easYgen version 2.10 on the VNC viewer function (RP3000XT) can hang up while running VNC viewer client on PC. This is fixed now.
		• CANopen Time function improved, refer to manual.

35	Solved with revision 2.11-0	
	2021-03 **XT-3K**	• VDE-AR-N 4105: The alarm "Missing member 4105" is wrongly indicated. This isnow corrected.
34	Solved with revision 2.10-3	
	2021-03 **34/35XT**	• The run-up synchronization function does not close GCB anymore during “ critical Mode without closing GCB” and “Start request w/o load”. This is fixed now. • Active run-up synchronization in own segment inhibits own dead bus closure request. This prevents unexpected GCB open commands during run-up synchronization. This is fixed now.
33	Solved with revision 2.10-3	
	2021-03 **XT-3K**	• The Modbus Master function sometimes stopped after disabling and then reenabling by LogicsManager. This is fixed. • The LSG is now recognized and indicated on display. Fault of release 2.10, 2.10-1, 2.10-2. This is fixed now. • VDE-AR-N 4105: Permanent improper "Missing member 4105" alarm for LSx devices is fixed. Fault of release 2.10, 2.10-1, 2.10-2. This is fixed now.
32	Solved with revision 2.10-2	
	2020-11 **XT-3K**	• The Modbus Master function stops to read after 65000 times. This is fixed now. • The Modbus Master uses always the port number 501 instead of the configured one. This is fixed now.

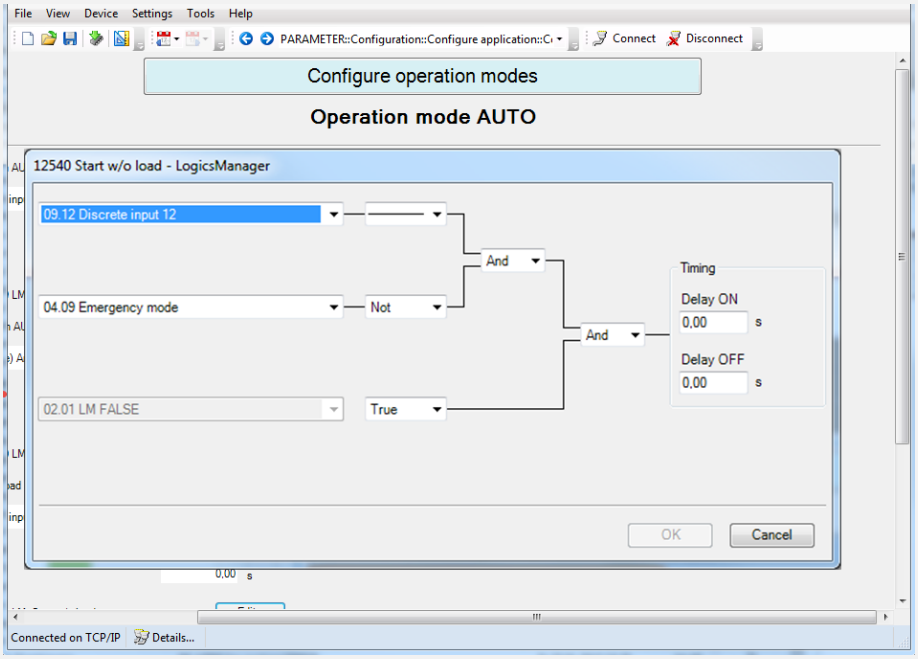
#	Date / Affected	Description *Remarks* ToDo
31	Solved with revision 2.10-1	
	2020-09 **34/35XT**	• Application mode GCB/GC introduced in easYgen series V2.10: The connection to mains is not recognized under some circumstances. This is corrected now. • The system update trigger send from LS-6XT is not recognized in the easYgen device. This is solved.
30	Solved with revision 2.10-1	
	2020-09 **XT-3K**	• The Parameter ID511 "Remote reactive power setpoint" is getting the format (Signed INT32). This allows now to send negative kvar setpoints to the easYgen. • Start counter: Counter is now working too if changed from STOP to AUTO or TEST during Start req. in AUTO is already true and if there is no preglow. • The generator excitation limiter function and indication is disabled if reactive control in the device is disabled. • Loadshare "Missing Member" monitoring delay time behaviour after power cycle was reworked. • In cases the easYgen runs the genset with breaker transition mode "Open transition": It could lead under special circumstances that the mains settling time is shortened to 2 seconds even there is no need for. This is fixed now. • In cases the operation mode is configured in order not to go automatically into STOP due to a shutdown alarm and a MCB closure failure shall cause an emergency run: It could lead under special circumstances that the emergency run state in the event logger is steadily retriggered. This is fixed now.
29	Solved with revision 2.10	
	2020-04 **34/35XT**	• In application mode GCB/GGB/MCB or GCB/L-GGBMCB with GGB close mode and breaker closed transition mode: The issue that only 3-phase mains voltage trip leads to a correct AMF run is fixed. • In GCB/L-GGBMCB Mode with GGB open failure: For emergency cases the breaker logic allows now the closure of the GCB even the GGB does not open.
28	Solved with revision 2.10	
	2020-04 **XT-3K**	• Breaker transition mode "Closed Transition": Being in island mode with multiple running easYgens did not allow constant power control in the single easYgens. This is fixed now. • Phase shift (ROCOF) - Not possible to trigger in Decoupling Test Mode. This is fixed now. • The disabling of the maintenance call by configure maintenance hours and days to zero is improved. In the past one last maintenance call was executed even the hours and days were RESET. This is fixed now. • Improvement Modbus TCP slave handling: Changed receive of Modbus to fix occasional blocking of TCP port in multiple Modbus setups.

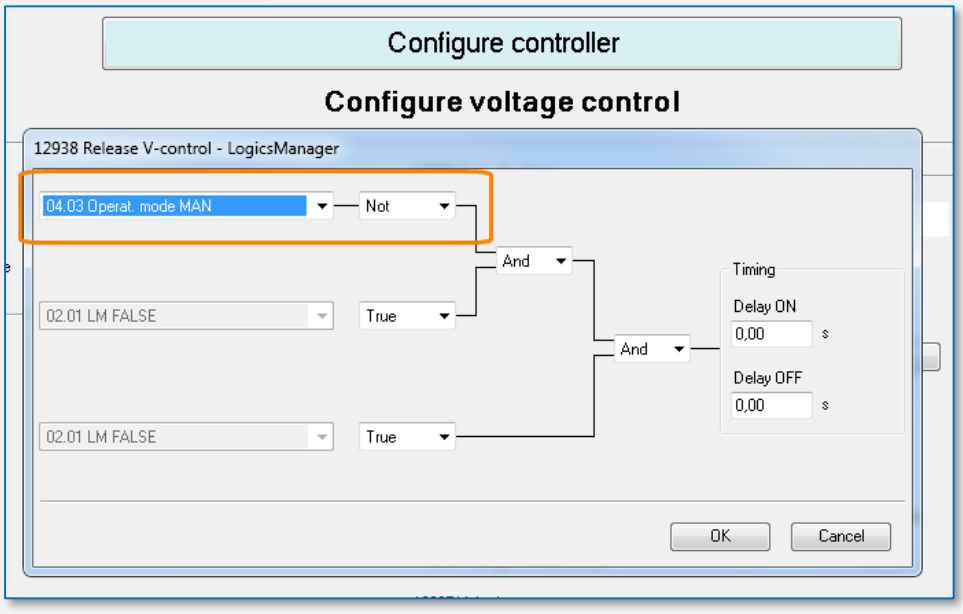
#	Date / Affected	Description *Remarks* ToDo
27	Solved with revision 1.16	
	2018-04-05 **XT-3K**	Issue: Alarm class D does not trigger permanent GCB open request. It could come to the situation that a GCB does not open even if the open command is active for 2 seconds. The easygen would remove the open command after 2 seconds although the feedback signals still closed. This is now improved the GCB open command is kept until the feedback signals GCB open.
		Is solved with easYgen3000XT version 1.16 and later.
		Please ask Woodward support for an update.
26	Solved with revision 1.16	
	2018-04-05 **XT-3K**	Measurement value in the AnalogManager system: L1-N [%] and L3-N [%] are in the AnalogManager with wrong percentage values when measurement system = 1Ph3W. Percentage value is based on Un/sqrt (3). It should be based on Un/2.
		Is solved with easYgen3000XT version 1.16 and later.
		Please ask Woodward support for an update.
25	Solved with revision 1.15	
	2018-12-11 **XT-3K**	Changing the breaker transition mode "Parallel" to "Interchange" being parallel to mains and running an export power setpoint: The MCB is opened immediately without considering the power at the interchange point.
		Is solved with easYgen3000XT version 1.15 and later.
		Please ask Woodward support for an update.
24	Solved with revision 1.15	
	2018-12-11 **XT-3K**	Application mode GCB/L-GGBMCB mode with breaker transition mode closed transition: During Emergency run the MCB is not served correctly. This is fixed now.
		Is solved with easYgen3000XT version 1.15 and later.
		Please ask Woodward support for an update.
23		
	2018-08-16 **XT-3K**	When loading a Toolkit settings file (*.wset) of a previous Easygen revision into the device, the automatic settings conversion does not work, and the settings are not loaded into the device. This appears with Toolkit version 5.6 or lower versions.
		This will be resolved with a newer Toolkit version
		The following workaround is possible: Instead of loading an old *.wset file directly into the device, the user can use Toolkit to convert this settings file to a new one and load this into the device. This is done in Toolkit by activating the menu point “Settings/Associate Settings file with application”. A wizard will guide the user through the steps, and the result will be a new, converted settings file which then shall be loaded.
	Solved with the latest Technical Manuals	

#	Date / Affected	Description *Remarks* ToDo
22	2018-08-16 **XT-3K**	Measured ground fault: In the manual is written:"The ground fault threshold is configured as a percentage of the value entered for parameter "**Ground current transformer" (parameter 1810).** Correct is: " The ground fault threshold is configured as a percentage of the value entered for parameter "**Gen. rated current" (parameter 1754).**
		Is updated with the new manual.
		Please be aware of this when replacing EG3000 by EG3000XT
21	Solved	
	2017-11-30	Adequate insulation is requested on external current transformer side: **CAUTION!** External current transformers shall provide insulation adequate to system voltage to which unit is connected.
		Security advice will be added on top of chapter "Generator Current".
		Please take care!
20	Solved with revision 1.14-4	
	2017-10-10 **34/35XT**	Application Mode with LS5: Wrong indication of active and reactive power served by LS5.
		Will be updated asap by next revision.
		Please ask Woodward support for an update.
19	Solved with revision 1.14-4	
	2017-09-19 **XT-3K**	Indication of red and amber alarm lamps of ADEC ECU7 in easYgen is not working. (ADEC ECU 7 is transmitting only one byte of DM1, eight are expected.)
		Will be updated asap by next revision.
		Please ask Woodward support for an update.
18	Solved with revision 1.14-4	
	2017-09-13 **34/35XT**	Application mode GCB/L-GGB and GCB/L-GGB/L-MCB: The feedback of the LS-5 installed over the GGB is always recognized as closed in the easYgen. This function does not run correctly and is so not usable.
		Will be updated asap by next revision.
		Possibilities to avoid this: 1.) You are currently using GCB/L-GGB: If possible, rework installation in a way to serve the GGB directly out of the easYgen according to application mode GCB/GGB. 2.) You are currently using GCB/L-GGB/L-MCB: a. If possible, rework installation in a way to serve the GGB directly out of the easYgen according to application mode GCB/GGB/L-MCB. b. If possible, rework installation in a way to serve the GGB and MCB via LS-5x2 according to application mode GCB/L-GGBMCB. Otherwise, refer to your Woodward channel partner for other possible actions.
17	Solved with revision 1.14-4	
	2017-07-06	Application mode GCB/MCB together with "GCB auto unlock":

#	Date / Affected	Description *Remarks* ToDo
	XT-3K	If emergency run is active, “GCB auto unlock” can cause simultaneous deadbus closure of GCB and MCB if mains return during the “GCB open pulse”. This can only happen in parallel logic if the “GCB open time pulse” (5708) is configured higher or same than 2 s. (This is because the mains settling time – which is shortened to 2 s in emergency case – and the “GCB open time pulse” are mismatched.)
		Will be updated asap by next revision.
		Possibilities to avoid this: If possible, configure “GCB open time pulse” (5708) shorter than 2 s. Configure a delay for enabling the MCB triggered by “04.19 Opening GCB”. To do this, define an internal flag (e.g. Flag 1) and pass this flag to the LogicsManager “Enable MCB”:  
16	Solved with revision 1.14	
	2017-02-23 **XT-3K**	Generator power factor monitoring does not work if generator measurement is configured to 3PH3W.
		Will be updated asap by next revision.

#	Date / Affected	Description *Remarks* ToDo
		Create corresponding monitoring functions with flexible limits. E.g. with analog variable “01.20 Gen. PF [%]”. (PF = 1 → “01.20 Gen. PF [%]” = 50%, PF > 0 (lagging) → 01.20 Gen. PF [%]” > 50 %, PF < 0 (leading) → 01.20 Gen. PF [%]” < 50)
15	Solved with revision 1.14	
	2017-02-14 **XT-3K**	Some visualization values of ADEC ECU7 are not indicated. ADEC ECU 7 is transmitting some J1939 PGNs with less than 8 bytes, which are not accepted momentarily by the easYgen.
		Will be updated asap by next revision.
		Please ask Woodward support for an update
14	Solved with revision 1.13-1	
	2017-02-01 **XT-3K**	If ECU Device type (parameter 15102) is configured to "EGS Woodward", it can happen that the easYgen is transmitting SPN 189 too slowly. This would cause an "Easygen 3000 communication timeout" in the E3 and twinkling of the SPN 189 indication at the E3.
		Will be updated asap by next revision.
		Please ask Woodward support for an update
13	Solved with revision 1.14	
	2017-01-31 **XT-3K**	The Auto mode “Start without load” ID12540 in conjunction with emergency run causes a frequently GCB close and open command, if “Enable MCB” ID12923 is removed (False) to the same time. (There is no internal prioritization for these two conflicting tasks.)
		Will be updated asap by next revision.
		To avoid the auto mode “Start without load” ID12540 is active in exactly the same time the emergency run happens, do following: ((see next page))

#	Date / Affected	Description / *Remarks* / ToDo
		
12	Solved with revision 1.13-1	
	2017-01-26 **34/35XT-P1**	The Operating range failure errors 6 to 10 are not detected or indicated wrongly.
		Will be updated asap by next revision.
		If the device remains in a condition, like described in the operating range monitor cases 6-10, check the possible failure cause according to the manual.
11	Solved with revision 1.13-1	
	2017-01-26 **34/35XT-P1**	If the easYgen executes a GGB dead busbar closure and the breaker closure failure alarm occurs: The GGB dead busbar closure is not stopped, even if there are other devices existing and willing to do a dead busbar closure.
		Will be updated asap by next revision.
		Take proper action via LogicsManager setting to stop the breaker closure.
10	Solved with revision 1.13-1	
	2016-12-19 **XT-3K**	The easYgen-3000XT can make a reboot procedure, if a Modbus TCP write order is executed on a password-protected parameter in exact the moment the password level expires. (2 hours after setting the first time the password). The risk of rebooting raises with increasing write orders per unit time and data traffic in the device.
		Will be updated asap by next revision.
		Follow the workaround instruction: To prevent the 2 hours' time expiration of the password level, it is recommended to write the password level for CL05 and CL03 alternating into the device. This has the consequence that the timer never expire.

#	Date / Affected	Description *Remarks* ToDo
9	Solved with revision 1.13-1	
	2016-09-19 **XT-3K**	Don't use the new CAN bus coupler “IL CAN BK-TC-PAC” (PHOENIX order number 2702230). *The former version of the CAN bus coupler “IL CAN BK-TC-PAC” (PHOENIX order number 2718701, firmware 204 or higher) is working with the easYgen-XT.* • Temporarily use PHOENIX 2718701 (*firmware 204 or higher*) or WAGO CAN bus couplers according to the easYgen-XT Technical Manual.
8	Solved with revision 1.12-2	
	2016-08-09 **XT-3K**	In operation mode MANUAL if AVR is biased by the easYgen: The voltage regulation does not work correctly, if the device is configured with a PT ratio unequal to “1”. *The internal voltage setpoint value is calculated too high or too low. If the overvoltage or undervoltage monitor is enabled, a shut down will occur accordingly.* • Don’t use AVR in MANUAL mode if PT ratio is unequal to “1”. We are working to fix this bug fast. As a safety precaution, following setting is recommended: To use operation mode MANUAL (except manual synchronization), please set LogicsManager “Release V-control” ID 12938 to “NOT 04.03 Operat. Mode MAN”: 
7	Solved with revision 1.13-1	
	2016-07-11 **XT-3K**	Issue with warm-up mode: Shall the warm-up mode be executed with a temperature threshold (parameter 5533 "Warm-up mode" set to "Analog val contr.") the warm-up run would not end. *The according AnalogManager 5538 is not connected properly.* • Use time-controlled warm-up mode only.
6	Solved with revision 1.13-1	

#	Date / Affected	Description *Remarks* ToDo
	2016-07-06 **XT-3K**	Use USB service port with Windows 8.1 computer/laptop fails. *In some rare situations it can happen that USB connection of a Windows 8.1 computer/laptop with easYgen-XT fails* Try connecting again, escalating step-by-step: 1. Unplug/plug USB cable; close open ToolKit; connect via USB. 2. Restart your computer/laptop and afterwards try connecting again. 3. Use another computer/laptop. 4. Use another computer/laptop with another operating system than Windows 8.1.
5	Solved with revision 1.12	
	2016-04-15 **XT-3K**	Generator measurement can be disturbed by phase-neutral AC voltages and its frequencies coupled in, if AC measurement is interrupted (e.g., by blown fuses). This leads into a wrong speed and firing speed detection. *A work around is defined and described with Application Note 37629 and a configuration patch "FrequencyIssuePatch_EG3000XT_V1.11.wset" is available on request.* Please • Download the Application Note from our web site • Ask your local Woodward support for sending you the wset file • Follow the instructions in the Application Note
4	Solved with revision 1.12	
	2016-04-14 XT-3K	In rare circumstances, it can happen that the device does not start up after power cycling. *E.g. if the device was interrupted by external requests during a specific phase of the start-up sequence.* • Power cycle the easYgen again.
3	Solved with revision 1.12	
	2016-02-01 **XT-3K**	Implementation of external expansion I/O from *WAGO*: Due to inline CAN coupler rationalization from *Phoenix Contact,* we have prepared support for select *WAGO* expansion modules. *It will be available to all customers by standard from the next revision update (Anticipated through May-June '16).*
2	Solved with revision 1.11	
	2016-02-01 **XT-3K**	Automatic conversion of easYgen-3000 settings file to easYgen-3000XT format: An automatic *.wset file conversion tool is prepared. *It will be available to all customers by standard from the next revision update (Anticipated through May-June '16).* • A beta version is available on request from EU sales support.
1	Solved with revision 1.11	

#	Date / Affected	Description *Remarks* ToDo
	2016-02-01 **XT-3K**	Issue with Open Transition mode: In some use cases, the breaker transition mode “Open transition”, configured by parameter 3411, might not work properly and could lead under rare circumstances to a damage of the genset. *All other transition modes are working correctly and are not affected.* We are working to resolve this issue as quick as we can • If you wish to run the breaker transition mode “Open transition” a workaround is still possible, please contact our EU support team for clear guidance. *We are working to resolve this issue as quick as we can.*

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