



GE VERNOVA

MM300 Enhanced Motor Management System

Firmware Version 2.30

Release Notes

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Summary

GE VERNOVA Grid Solutions releases firmware version 2.30 for the MM300 Enhanced Motor Management System. This firmware is specific to the MM300 Enhanced product and does not affect other devices within this platform.

When using firmware version 2.30, EnerVista Flex 1.50 or above must be used.

Release Date: Oct 14, 2025

- Multilin MM300 Enhanced firmware versions 1.x and below cannot be upgraded to firmware version 2.x and above. Please contact us to upgrade the product.
- Upgrade the firmware to version 2.30 by downloading the file directly from GE Vernova website: [MM300](#)
- The latest EnerVista Flex Setup software v1.5 is available at the same location. The software supports Windows 7, 8.1, 10 and 11.

Note: Please contact your local Multilin sales representative or Multilin Customer Service Department for any questions regarding this upgrade.

Highlights of this release include:

2.30 Firmware Version

- Added Profibus Profile setpoint for backwards compatibility
- Added Access Switch feature
- Profibus protocol - Auto/Manual commands
- Profibus protocol – Loading GSD/GSE between MM300 and MM300E
- PSL and Setpoint Timer range

2.22 Firmware Version

- Resolved Graphical Control Panel (GCP) connection issues that caused devices to reboot at elevated temperature
- Removed the risk of communication failures during Profibus control command changes

2.20 Firmware Version

- Added a new setting in IEC 61850 that allows visualization of values out of range
- Enabled the possibility of using the device without a Vaux input in case no IOC boards are mounted, and as long as the UVR functionality is disabled.
- Added a Flexmapping feature to facilitate a retrofit of MM2

2.11 Firmware Version

- Fixed an issue related to Auto/Manual setting not being saved after reboot

2.10 Firmware Version

- Graphical Control Panel LED colors are now configurable
- New Logical Nodes added to IEC 61850
- Forward and Reverse limit elements added to FlexLogic PSL
- New operands added to Any Alarm
- Fixed an issue related to Virtual Outputs signals MCC permissive element
- Fixed an issue related to Process interlock not behaving as expected
- Fixed an issue related to UnderCurrent element not behaving as expected
- Fixed an issue related to Thermal protection element information visualization

Release Details

A revision category letter is placed to the left of the following descriptions. Refer to the Appendix at the end of this document for additional details.

2.30 Firmware version Release Details

E New Setpoint for Profibus Map Compatibility

New setpoint added to support backward compatibility. Users can now switch between the Profibus map used in MM300E firmware version 2.xx and the one used in MM300 firmware version 1.x.

E Added Access Switch feature

Implemented Access Switch feature that gives full access to the device when Bypass is enabled and the Access Switch input is activated

C Profibus protocol - Auto/Manual commands

Corrected Auto/Manual commands mapping when sent via Profibus, now they are recognized and executed.

C Profibus protocol – Loading GSD/GSE between MM300 and MM300E

Previously, if the wrong GSD/GSE file was loaded, the protocol would stop working and the device had to be rebooted. Now, it recovers automatically once the correct file is loaded.

G PSL and Setpoint Timer range

Resolved Pickup Timer Range Mismatch Between PSL and Setpoint.

2.22 Firmware version Release Details

B Resolved Graphical Control Panel (GCP) connection issues that caused devices to reboot at elevated temperature

Removed the risk of communication failures during Profibus control command changes

C Removed the risk of communication failures during Profibus control command changes

Corrected Profibus handling to avoid Profibus master from disconnecting when control commands are issued

2.20 Firmware version Release Details

- P Fixed an issue related to 2W configuration where status read Drive Unavailable instead of Stopped**

Corrected drive unavailable message in 2W configuration

- P Fixed an issue related to STOP command freeze after a UVR under particular circumstances**

Improvement in UVR function performance and correction of STOP command freezing issue

- E Fixed a cosmetic issue where the precontactor time looped in GCP visualization**

Corrected cosmetic issue of precontactor time showing a loop in sequential starter in GCP

- P Added a failsafe to prevent I/O boards from being vulnerable to losing serial number and calibrations during upgrade procedure**

Failsafe introduced to allow recovering IO boards S/N and calibration on failed upgrade

- P Fixed an issue related to alarm for ground fault protection not resetting after the same function has also tripped**

Corrected ground fault alarm not resetting after ground fault trip

2.11 Firmware Version Release Details

- P Fixed an issue related to Auto/Manual setting not being saved after reboot**

Fixed Auto/Manual selection so that whatever setting the device is on before rebooting, it will be there after rebooting as well.

2.10 Firmware Version Release Details

- E Graphical Control Panel enhancements**

Configurable LED colors

Text corrections in the Summary screen

Target screen fix for Alarm messages

E New Logical Nodes added to IEC 61850

Motor Running Hours
Number of Motor Starts
Analog values read by RTD
CURRENT METERING - MOTOR LOAD
Internal Temperature Alarm
Thermistor Analog Signal
Transfer Time Analog Signal

E Forward and Reverse limit elements added to FlexLogic PSL

Forward and Reverse limit elements are now configurable in FlexLogic PSL

E New operands added to Any Alarm element

Process Interlock Int Alarm
Open/Short RTD Alarm

P Fixed an issue related to Virtual Outputs signals MCC permissive element

Added Virtual Outputs signals for MCC permissive function

P Fixed an issue related to Process interlock not behaving as expected

Fixed Process Interlock element to block the device start when set as Stop

P Fixed an issue related to UnderCurrent protection element not behaving as expected

Fixed UnderCurrent element latched functionality

P Fixed issue related to Thermal protection element information visualization

Fixed Thermal protection element Time to trip information visualization in EnerVista Flex and Graphical Control Panel

Appendix

Change categories

This document uses the following categories to classify the changes.

Table 1: Revision Categories

Code	Category	Comments
N	New feature	A separate feature added to the relay. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
D	Changed, incomplete or false faceplate indications	Changes to, or problems with text messages, LEDs and user pushbuttons
R	Changed, incomplete or false relay records	Changes to, or problems with relay records (oscillography, demand, fault reports, etc.)
C	Protocols and communications	Changes to, or problems with protocols or communication features
M	Metering	Metering out of specification or other metering problems
P	Protection out of specification	Protection operates correctly but does not meet published specifications (example: delayed trip)
U	Unavailability of protection	Protection not available in a self-demonstrating way so that corrective actions could be taken immediately
H	Hidden failure to trip	Protection may not operate when it should
F	False trip	Protection may operate when it should not
B	Unexpected restart	Relay restarts unexpectedly

The revision category letter is placed to the left of the change description.

For Further Assistance

For product support, contact the information and call center as follows:

Region	E-mail	Comments
Global Contact Centre	ga.support@gevernova.com	+44 1785 250070
Central and East Asia and Pacific	ga.supportCEAP@gevernova.com	+61 414 730 964
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