



MagnePulse™ DMC Firmware Revision History

Version 10.04 Release A: (February 2016)

Maintenance Release

- This release affects the OmniBeam feature

- **Enhancements**

- Added Magnet 5 option to Prog IP Function (G11). Magnet configured in parameters F14 to F16.
- Added Magnet 6 option to Enable IP Function (G25). Magnet configured in parameters F17 to F19.

Note: When Enable input is set to Not Used or Magnet 6, drive is automatically Enabled with Lift or Drop command.

Version 10.03 Release B: (June 2014)

Maintenance Release

- This release affects the OmniBeam feature and drive initialize.

- **Enhancements**

- OmniBeam changes:
 1. Any selected magnet input must have a programmed magnet current to start a lift.
 2. A magnet must be selected to start a lift and the magnet cannot be deselected during a lift.
- UV1 warnings now require multiple scans to clear during drive initialization.

Version 10.03 Release A: (October 2013)

Maintenance Release

- This release adds programmable inputs as well as changes functionality of a few existing fault clearing sequences.

- **Enhancements**
 - Added Reset Attempts (D30) to be used in junction with the new Reset Flt Sel (D31) to select which faults can be automatically cleared and how many clear attempts are allowed.
 - Fixed the Fault Reset in the Prog IP Func (G11)
 - Added Reset IP Func (G22)
 - Added Mntn Clean IP (G23)
 - Prevent CRC fault from coming up when C07 is set to Store User

Version 10.02 Release B: (October 2012)

Maintenance Release

- This release affects the OmniBeam feature

- **Enhancements**
 - MOC Detect Level (D18) can be disabled to prevent MOC fault in the OmniBeam function

Version 10.02 Release A: (June 2012)

Maintenance Release

- This release adds input and output parameters and changes functionality of a few existing parameters.

- **Enhancements**
 - Added Magnet Volt Limit (D01)
 - Added disable case to Power Loss (D03)
 - Added Stop Delay (D12)
 - Changed maximum and/or default values for D00, D14, D15, D18, D19
 - Added a software ground fault detection method
 - Added a hoisting feature to the programmable input (G11) in order to bypass the lift time
 - Added External Fault major and minor options to G11
 - Added Control Fault any, major, and minor to the programmable output functions (G12-G15)

- Added Battery Required option to G12-G15 to change states in the event of any major fault excluding MOC
- Replaced Enable Bypass (D06) with Enable IP Func (G25) to include a battery enable option
- Changed fault sequence for minor faults

Version 10.01 Release B: (January 24, 2012)

Maintenance Release

- This release adds features contributing to the ease of using the DMC.

- **Enhancements**
 - Changed OV fault clearing sequence
 - Modified the lift to hold state sequencing
 - Stabilized magnet resistance (A04) and temperature (A05) monitors

Upgrade Notes

- Consider increasing Lift Current (E01) or decreasing Magnet Temp Alarm level (D14).

Version 10.01 Release A: (June 1, 2010)

Original Release