



*** Firmware Release Notes ***

44301.32 Firmware Release:

- Added Ethernet/IP compatibility.
- Added a brake cycle counter (U04-13 and U04-14).
- Encoder inputs can now be used for the Electronic Programmable Limit Switches (EPLS) function.
- Added Hook Height Measurement function to compliment EPLS.
- Added a check at power up to check for DC bus and/or IGBT short circuits.
- The Enable input is now optional (H01-13).
- Added H01-14 to select whether the Stop/Reset input is normally open or normally closed.
- Added Phantom Fault input feature with MFDI setting of 26 (N.O.) and 27 (N.C.).
- Improved baud rate switching when connecting the drive to a PC.
- Improved the text display for U02-07.
- Improved the keypad display screen when in an alarm or fault occurs.
- Ground Fault detection is now enabled by default.
- Improved External Fault detection on power up.
- Improved CUV fault and alarm handling.
- Improved the power limit switch (PLS) function and associated LS alarm and fault.
- Resolved issue at startup when using N.C. External Fault.
- Improved Slack Cable Detection (SLC) feature and added MFDO setting of 0B to indicate SLC condition.
- Added MFDO setting of 0C to indicate an alarm condition.

Release Date: 8/1/2020

44300.18 Firmware Release:

- Improved the 3-Point Flux Curve algorithm.
- Added a "Can't Switch" alarm when switching a Reference source while running.
- MFDIs programmed to Forward & Reverse are now ignored when written over serial communications.
- Improved the reliability of RS-485 communications.
- The "Ctrl Ready" MFDO now turns off during a UV or UL3 Alarm.
- The precharge cycle time algorithm has been optimized.
- Travel Limits have been improved.
- The Modified Parameters count is now correct after restoring values using A01-05.
- Improved the U03 fault history records.
- Fault History can now store more than one fault per power cycle.
- Added a message that displays on the keypad when trying to change parameters in a UV condition.
- The firmware revision will now display correctly in IMPULSE Link 5 and the DLS4 keypad.

Release Date: 11/28/2018

44300.14 Firmware Release:

- First release of the OmniPulse DDC-S2 firmware.

Release Date: 07/25/2018