SubDrive Connect Plus™ Firmware Release Notes

Consult the SubDrive Connect Plus™ Owner's Manual for instructions on how to update firmware via USB storage device. The firmware can also be updated by using the SubDrive Connect Plus mobile app.

Firmware Version	Release Date	Description of Changes
1.15.0	8/22/2025	• Enhanced the internal manufacturing testing process (no changes to product functionality or impact on application performance)
1.14.0	6/18/2025	• Updated the undervoltage and brownout algorithms
1.13.0	5/9/2025	• Supports commercial release of new SUB0543 and SUB0743 models • Updated and released Modbus registers
1.12.0	1/9/2025	• Added details to HMI for Underload Fault (F1) • Added support for electronic fuse protection on control board fan circuit
1.11.0	6/27/2022	• Corrected F6 (Short Circuit) Fault auto-restart and data reporting in fault logs • Improvements to product firmware update process • Added mobile app support to determine compatible firmware and hardware combinations • Added support for new internal components
1.8.0	3/11/2022	• Corrected issue with intermittent F35 (Incompatible Firmware) Fault during product firmware update process
1.7.0	11/18/2021	• Added support for Franklin Electric MagForce permanent magnet submersible motors • Corrected the fault reset timer displayed in the mobile app • Improvements to sleep mode timing • Improvements to speed and performance of mobile app
1.5.0	8/23/2021	• Fixed Multidrive issue that was preventing the lead drive from entering sleep mode when it is not assigned as the master • Improved pressure regulation performance during foldback operation
1.4.0	4/6/2021	• Added motor voltage selection to 230 VAC SUB models to support 200 VAC 60 Hz submersible induction motors • User can choose either 230 VAC 60 Hz or 200 VAC 60 Hz motor voltage type for optimized V/Hz operation • Allowed lower input voltage to support Demo mode • Changed menu display timeout from 5 to 20 seconds
1.3.0	10/7/2020	• Updated product output current ratings • Desensitized Input Phase Loss (F31) fault for improved single-phase input operation • Changed Locked Rotor (F3), Output Open Phase (F5), and Short Circuit (F6) faults to be auto-recoverable • Changed maximum amount of fault auto-recovery attempts from 5 to 10 attempts • Added Diagnostic information to the USB fault log
1.1.0		• Initial Product Release

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The firmware version currently installed on the drive can be determined in the following ways:

1. The shipping carton label
2. The QR Code menu screen on the drive
3. The Device section of the FE Connect mobile app