

## D550 FIRMWARE – VERSION 1.2.7

D550 is a digital automatic voltage regulator (AVR) for 3 phase industrial alternators that provides excitation current up to 7 A for SHUNT, permanent magnet (PMG) or AREP (auxiliary winding) excitation types.

Current firmware version: **Version 1.2.7** / 2021.01

### Release notes

#### New features

- Rotating direction check and associated fault
- Phases order check for synchrocoupler
- Energy counters
- New simplified customer menu for measurement readings (Menu 0)
- J1939 PGN for energy counters
- J1939 PGN for regulation/limitation information
- Canbus Read/Write string parameter type
- PSS function

#### Improvements

- Factory setting function with optimized parameters.
- Excitation chain fault detection improvement.
- Loss of sensing fault detection improvement.
- Unbalance fault detection improvement.
- FFT on excitation current measurement improvement.
- CanBus general communication improvement.
- Overheating limitation management if product is powered by USB alone.

### Installation instructions

This new firmware can be uploaded directly to the D550 by using the EasyReg Advanced application. Please contact technical support at [service.epg@leroy-somer.com](mailto:service.epg@leroy-somer.com) for further information.