How to Download a Parameter file to the Kollmorgen S300

8.3.2   **Connect**

- Connect the interface cable to a serial interface on your PC and to the serial interface X6 of the servo amplifier. USB to serial converter can be used optionally.
- Switch on the 24 V power supply for the servo amplifier.
- Wait about 30 seconds, until the front display of the servo amplifier displays the current class (e.g. 888 for 48 A) If the power supply voltage is switched on, too, a leading P is displayed (e.g. 888 for Power, 48 A).

NOTE   If a fault code (888) or a warning (888) or a status message (./_ / E/S) appears in the display, you will find the description on page 114 / 115.
If a fault message appears, fix the problem.

Double-Click the DRIVEGUI.EXE icon on your Windows desktop to start the software.

DriveGUI

? Would you like to connect to a drive?
(Press "Yes" to connect or "No" to work offline)

Ja   Nein
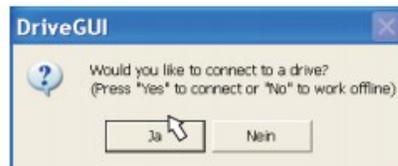
You can work offline or online with DRIVEGUI.EXE.
Work ONLINE now.

Avaliable Comm Devices

Select Device

RS-232

OK   Cancel

RS-23...

Serial Port

COM1

Baud Rate

38400

Timeout [ms]

2000

OK

Cancel
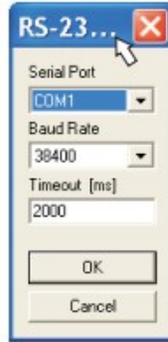
If the communication is started for the first time, you have to setup the communication parameters.
Choose the communication system and the interface, where the servo amplifier is connected to.
Click OK.

The software tries to communicate with these parameters. If it's not successful, you receive this error message:

DriveGUI

⚠ Communication Error:
Communication timed out.

OK

Frequent causes:
- wrong interface chosen
- wrong connector chosen at the servo amplifier
- interface is used by another software
- 24 V auxiliary voltage for the servo amplifier not working
- interface cable broken or wrong wiring

Quit the error message. The software starts in the offline mode now, that requires the manual selection of the amplifier's type. Quit this selection by closing the window.
Fix the communication problem. Restart the software in Online mode.
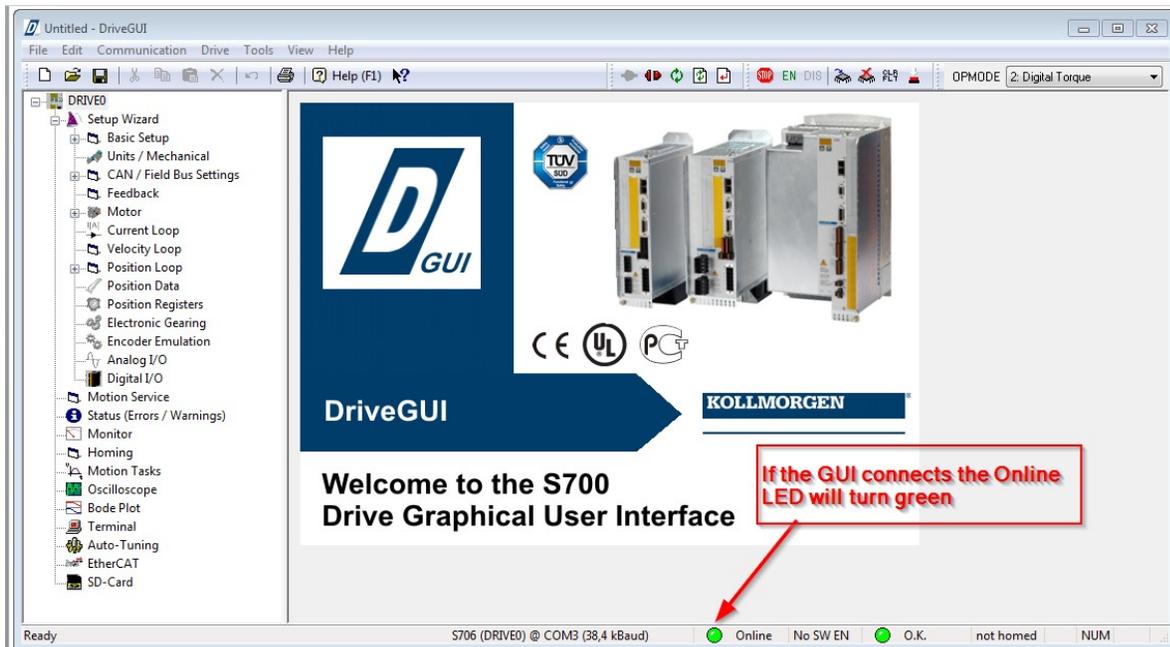
When the GUI opens and connects to the S700 drive it will look similar to screen shown above. The Online LED will turn green if the drive is communicating with the GUI.
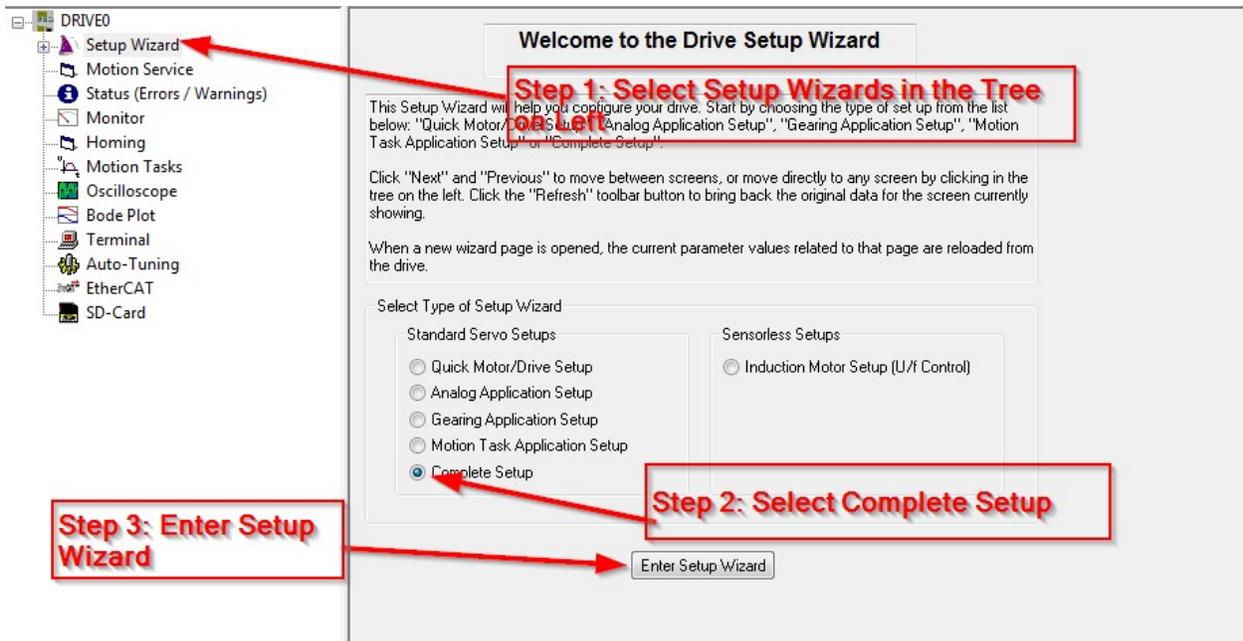
Select the Setup Wizzard in the Tree of the GUI
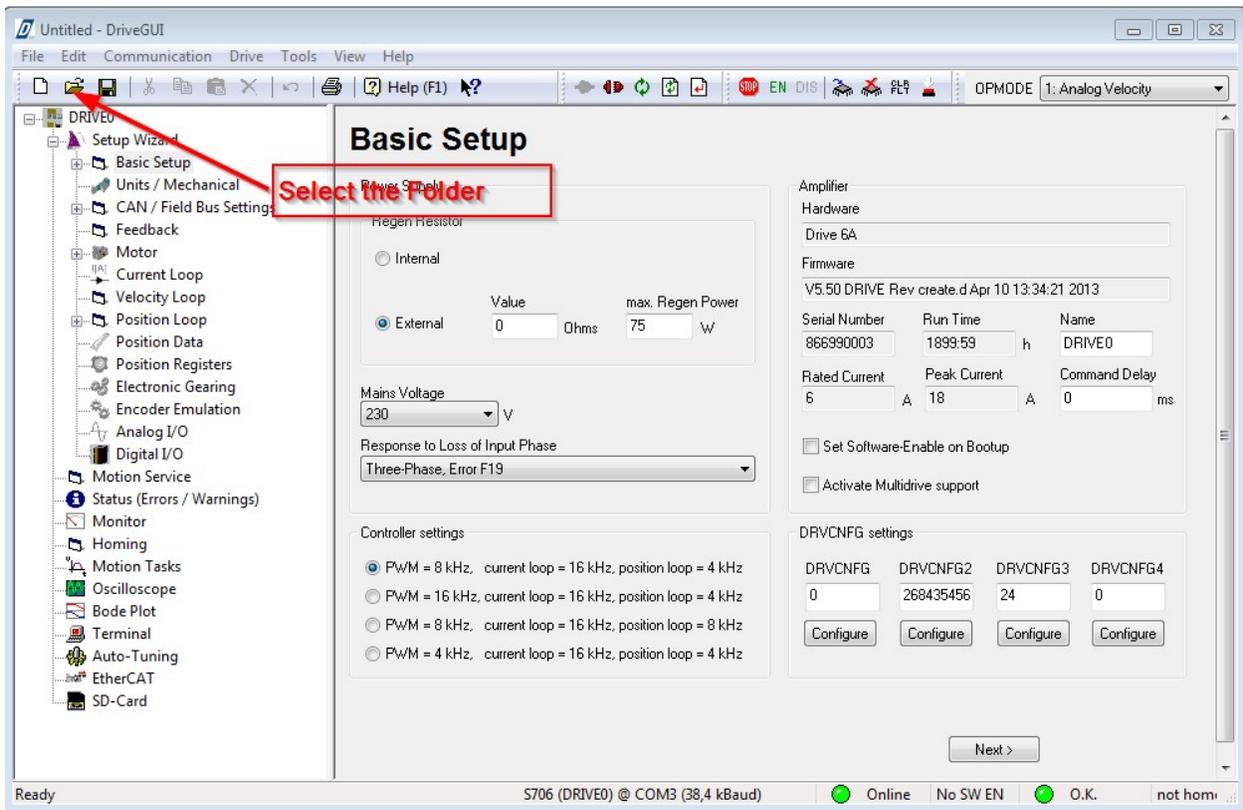
Select the Open Folder at the top left of screen
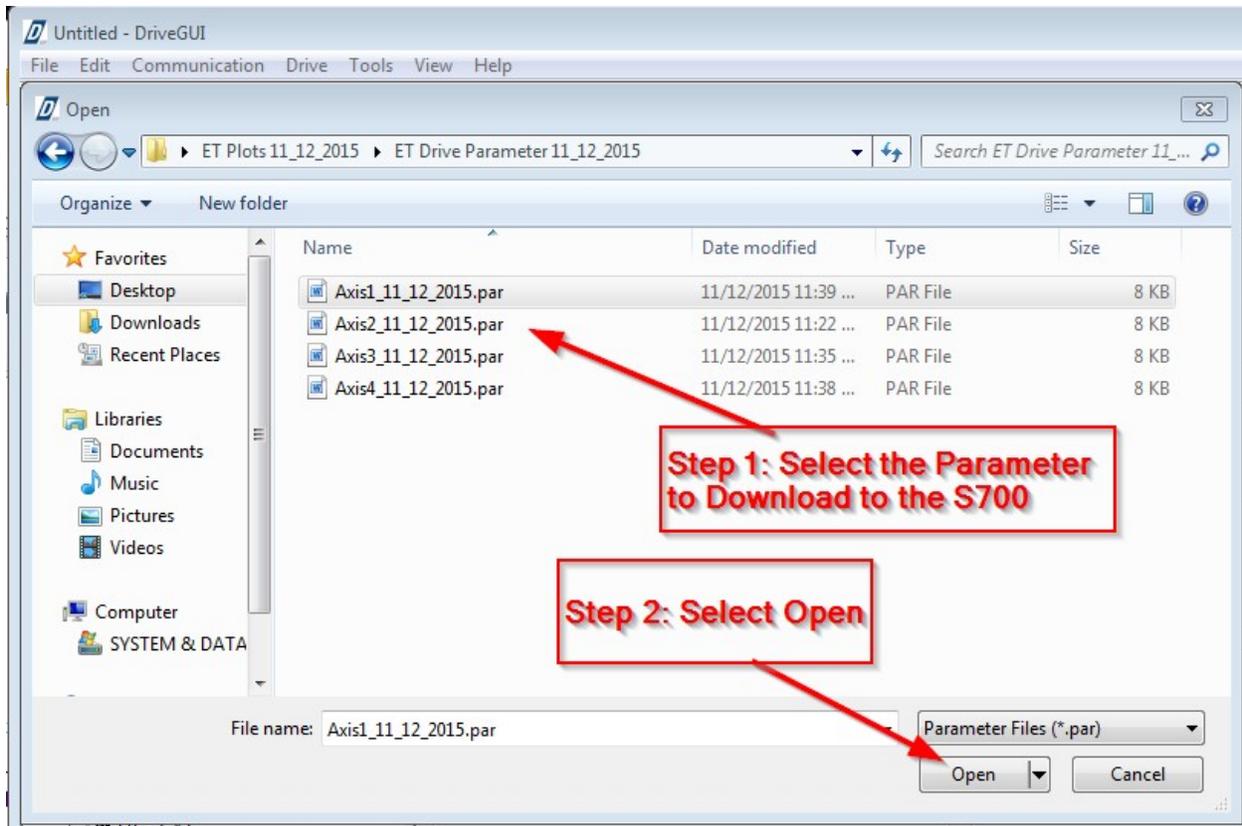
Select the Parameter File to Download to the S700 Drive
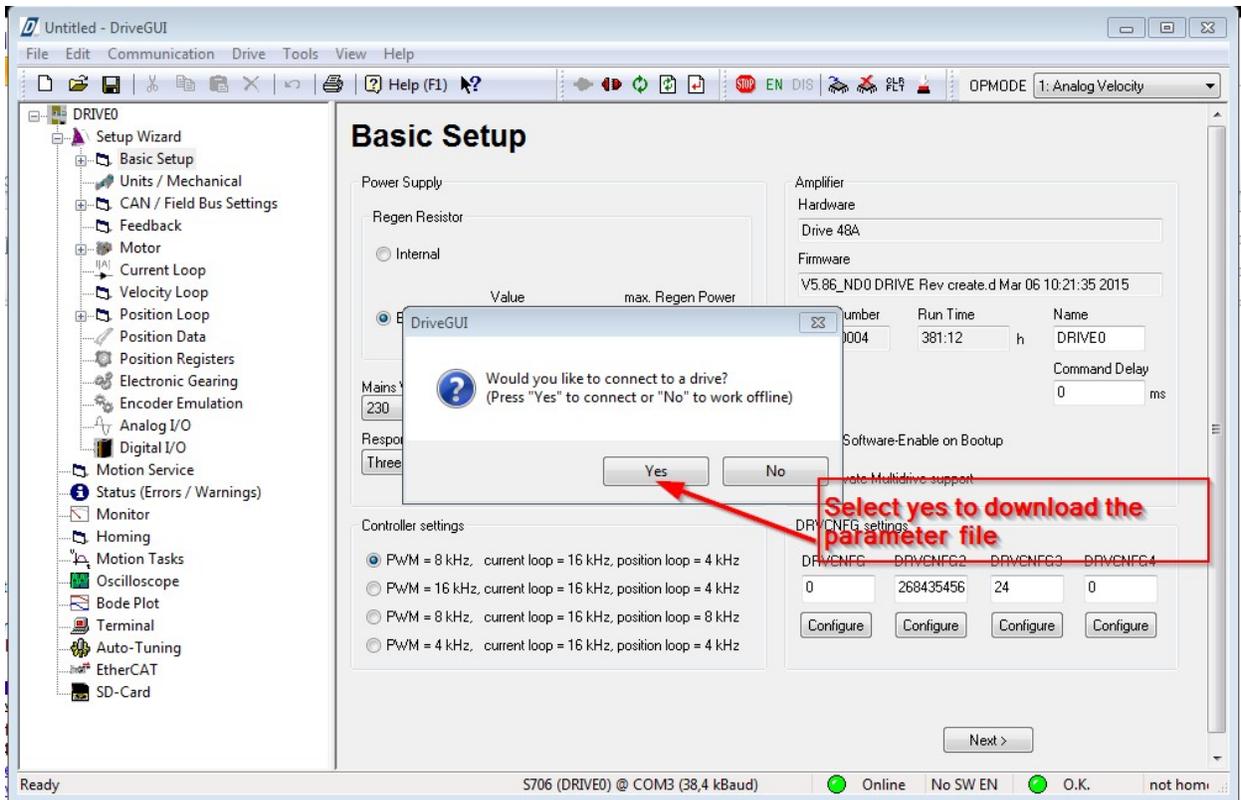
Select Yes to start the parameter download Procedure
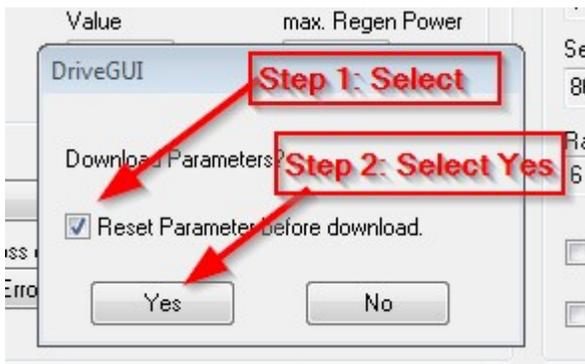
Make sure Reset Parameter before download is select, then select Yes
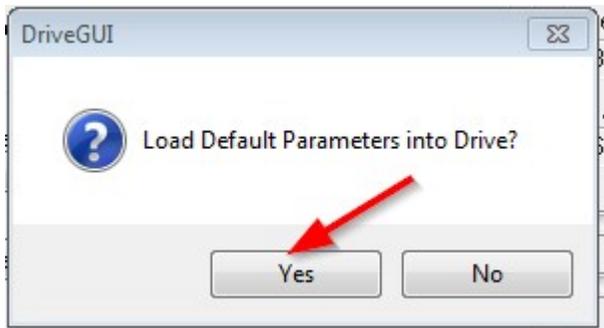
Select Yes

Select Name
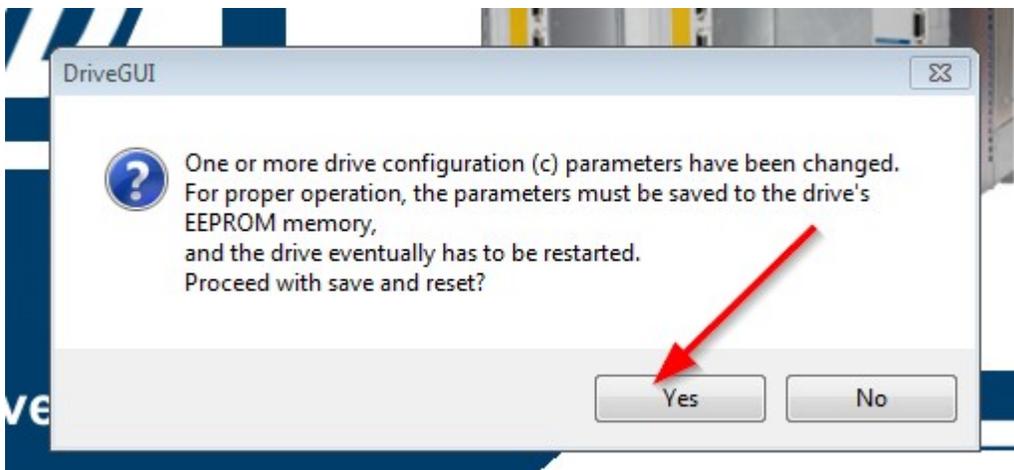
Select Yes to Save parameters to EEprom and Coldstart the drive

Select No to Download CAN SDOs
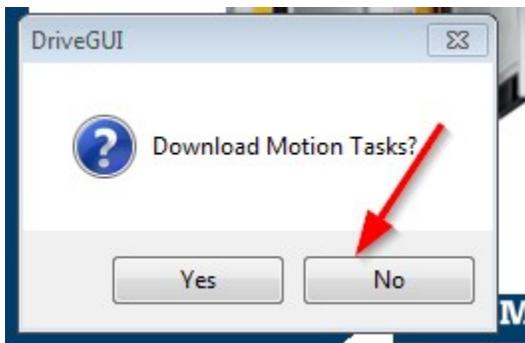
Select No to Download Motion Tasks