

Downloading 1S/G5 Parameters

Steps

This section describes how to download (write) parameters to the 1S/G5 Servo Drives.

- ① Go online with the Controller to which the Servo Drive is connected.
- ② Open the Parameter Tab Page.
- ③ Download the parameters.

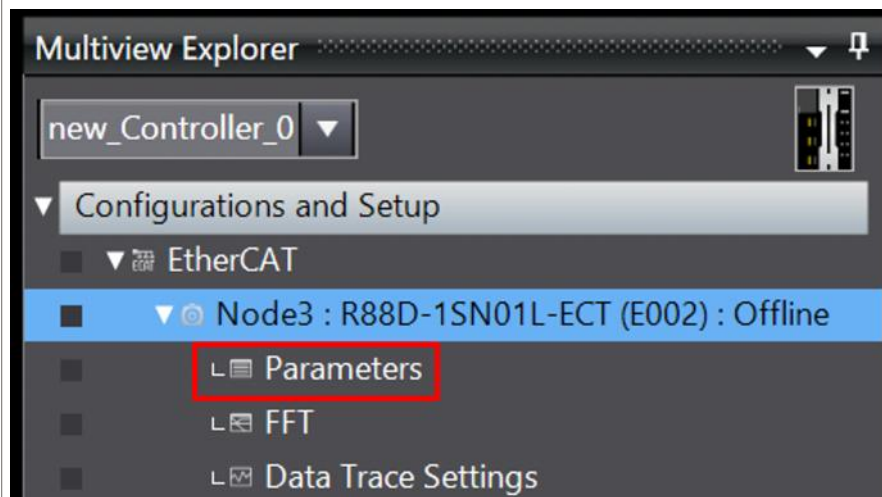
Detailed Steps

- ① **Go online with the Controller to which the Servo Drive is connected.**

Go online with the Controller by referring to “[Going Online with an NJ/NX Controller](#)”.

- ② **Open the Parameter Tab Page.**

Select the Servo Drive to which you want to download parameters from [Configurations and Setup] - [EtherCAT] in the Multiview Explorer, and double-click [Parameters].



- ③ **Download the parameters.**

You can download all parameters by clicking the button shown in the red frame below.

All parameters ▼

OD	Description	Value
2200.00	Communications Error Setting	1
2201.00	Sync Not Received Timeout Setting	0
3000.01	Basic Functions - Motor Rotation Direction Selec...	1 : A positive direction command sets the motor rotation
3000.03	Basic Functions - Control Method Selection	0 : ODF control
3000.04	Basic Functions - Function Settings	1
3000.81(0)	Basic Functions - Function Status - Origin Positio...	0 : Outside origin range
3000.81(10)	Basic Functions - Function Status - Position Com...	0 : Position command not changed
3000.81(1)	Basic Functions - Function Status - Distribution...	0 : Distribution not completed
3000.81(11)	Basic Functions - Function Status - Error Clear At...	0 : No error or an error which must be reset by the restar
3000.81(12)	Basic Functions - Function Status - Homing com...	0 : Homing non-completion state
3000.81(2)	Basic Functions - Function Status - Zero Speed...	1 : Zero speed detected
3000.81(3)	Basic Functions - Function Status - Torque Limit...	0 : Torque limit not enabled

Help
 Comment: Sets the number of consecutive times to detect communications errors.
 The error will occur when the number of detection times is "this set value +1".
 When the set value is 0, the command compensation for communications errors is disabled.

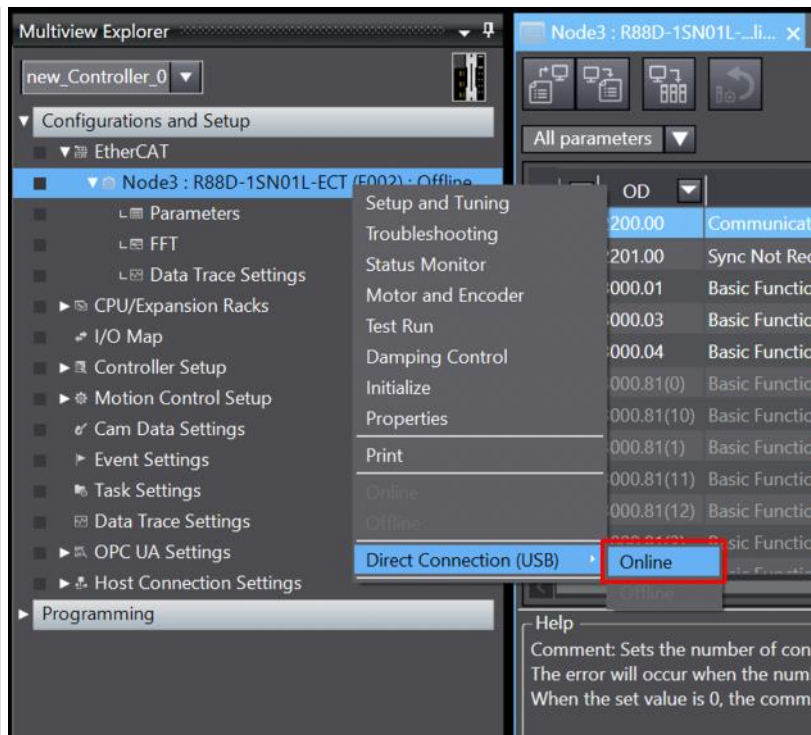
Bottom toolbar icons: [Refresh], [ALL], [Selected], [ALL], [Download], [Upload], [Save], [Help]

* If you only want to download the parameters you have selected, select the button shown in the red frame below.



Remarks

If you connect directly with a Servo Drive and a USB cable, select the Servo Drive you want to go online from [Configuration s and Setup] - [EtherCAT] in the Multiview Explorer, right-click on it, and select [Direct Connection (USB)] - [Online].



If you want to compare the parameters on the project with the parameters downloaded to the actual device, click the button shown in the red frame below.

