

Uploading 1S/G5 Parameters

Steps

This section describes how to upload (read) parameters from 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 Upload the parameters.

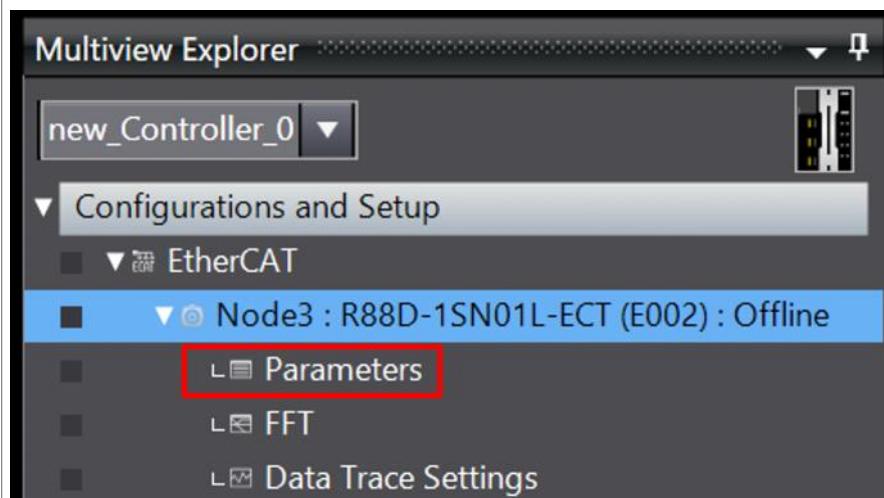
Detailed Steps

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



③ Upload the parameters.

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

Icon bar: Save, Load, Print, Refresh, All parameters

Table: 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 Selection	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 Position	0 : Outside origin range
3000.81(10)	Basic Functions - Function Status - Position Command	0 : Position command not changed
3000.81(11)	Basic Functions - Function Status - Error Clear At...	0 : No error or an error which must be reset by the restart
3000.81(12)	Basic Functions - Function Status - Homing command	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 - Temperature Limit	0 : Temperature limit not exceeded

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.

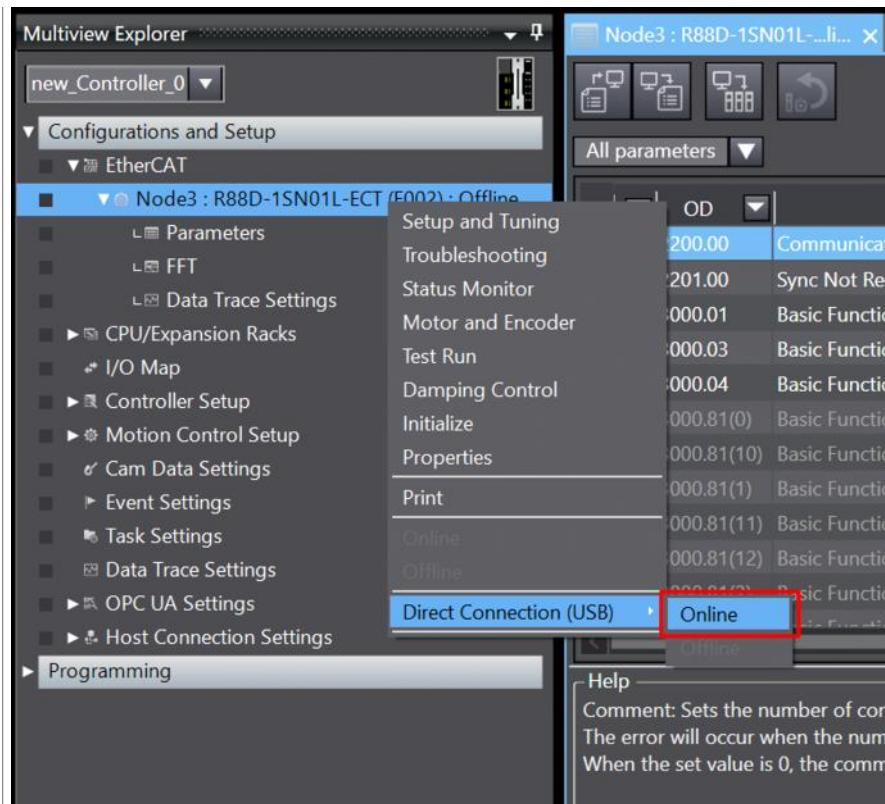
Icon bar: Refresh, ALL, Save, Print, Load, **Upload**, Save as, Up

* If you only want to upload 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 and Setup] - [EtherCAT] in the Multi-View 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.

