



# Programming Yaskawa Inverters

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# Contents



1.	Purpose .....	2
2.	Equipment and Materials.....	2
3.	Downloading the Program .....	3
4.	Revision History.....	8

# 1. Purpose

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Provide instructions on downloading the program onto Yaskawa inverters.

## 2. Equipment and Materials

#	Item No.	Item Name	Figure	QTY
1.	09-CABL-9033	CABLE, USB-2.0 TO MINI USB, 1m		1
2.	-	Laptop with these System Requirements: <ul style="list-style-type: none"> <li>• Intel® Core i3 or equivalent processor</li> <li>• Microsoft® Windows® 10 or higher</li> <li>• 16GB or more recommended memory</li> <li>• Minimum screen resolution of 1280 x 800</li> <li>• 1.5 GB of available disk space</li> </ul>		1

The Drive Programming & Commissioning Tool used in this procedure is '**DriveWizard Industrial**' by YASKAWA. It can be downloaded from the following link:

<https://www.yaskawa.com/products/drives/industrial-ac-drives/industrial-software-tools/drivewizard-industrial>

## 3. Downloading the Program

1. Locate the correct port for the cable within the three inverters. The ports are located on the top right, under a cover which can be moved upwards to reveal the port, as shown in figure 2.



Figure 1: The Three Inverters



Figure 2: Cable Port Location

2. Plug the cable into the above-mentioned port.

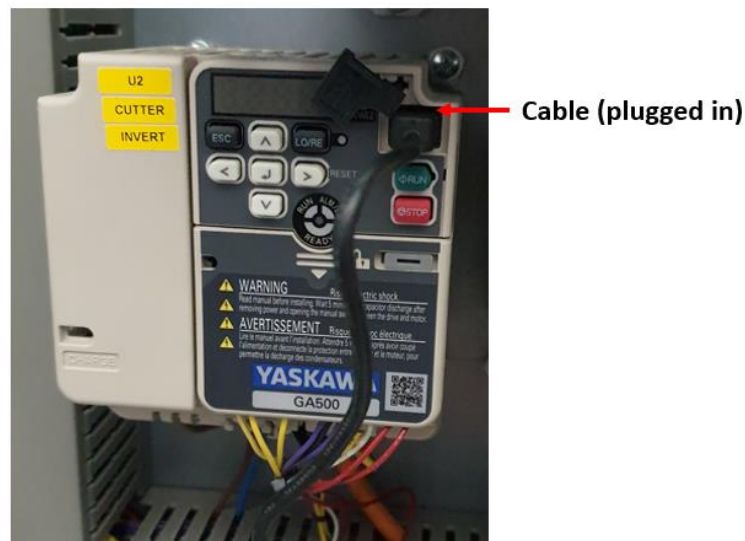


Figure 3: Plugged Cable

3. Once the cable is plugged in, open the program on a connected computer.

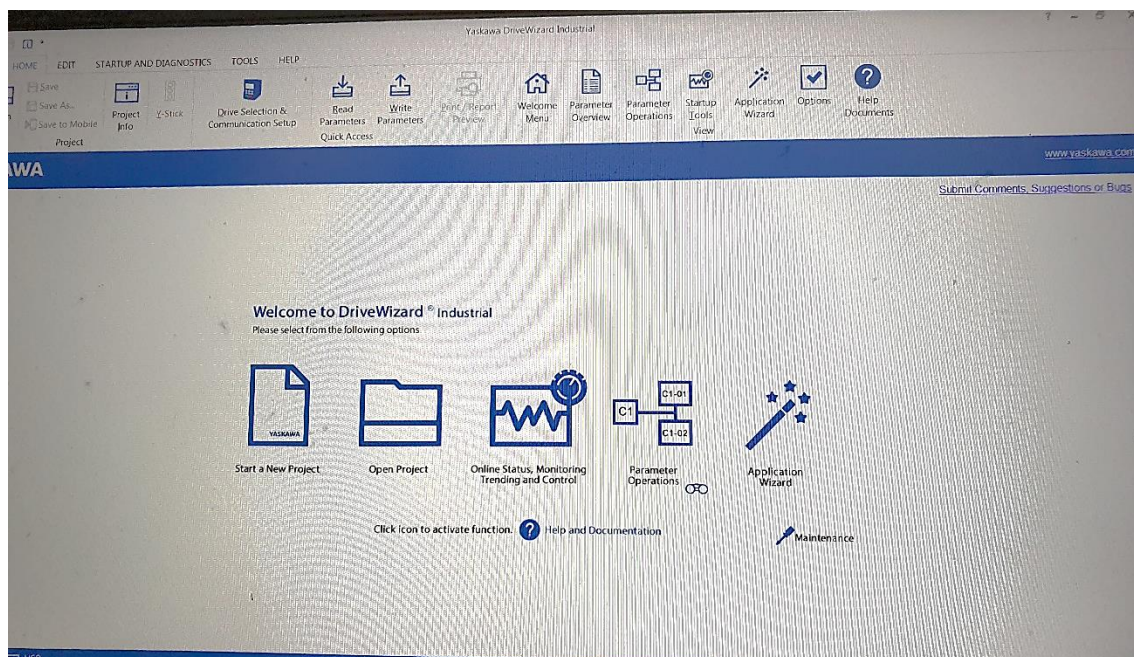
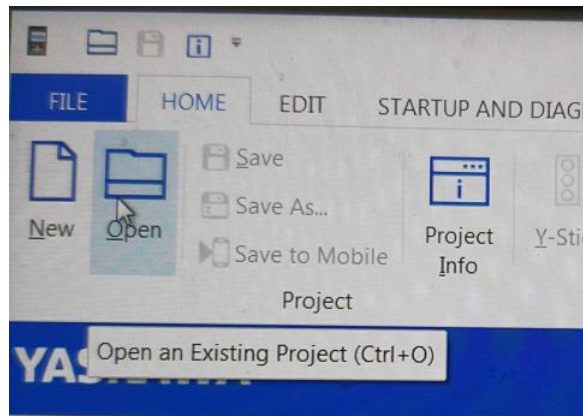


Figure 4: Program Starting Page

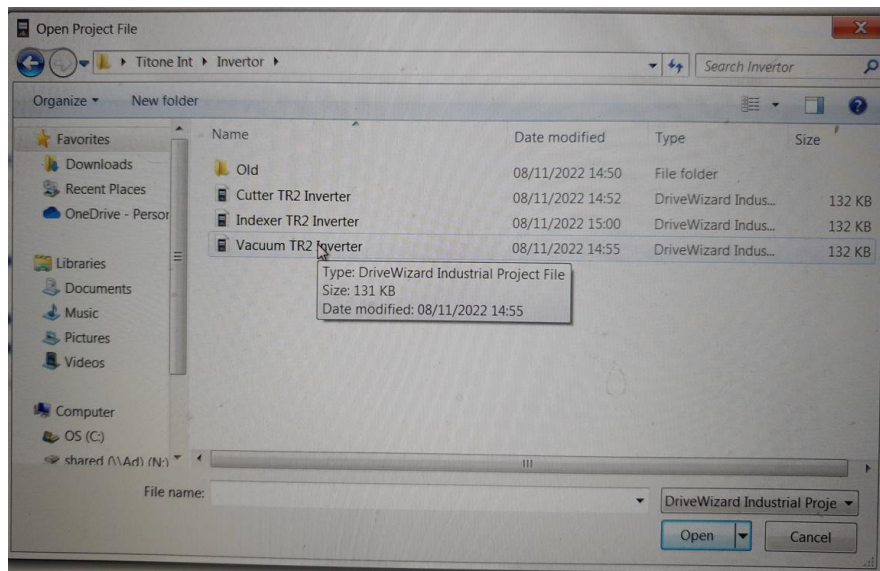


4. In the toolbar, click Open.  
A selection menu opens.



**Figure 5: Open Icon**

5. In the menu, select the correct project file.  
The Project Information window opens.



**Figure 6: Selection Menu**

- In the Project Information window, click Ok.  
The Overview window opens.

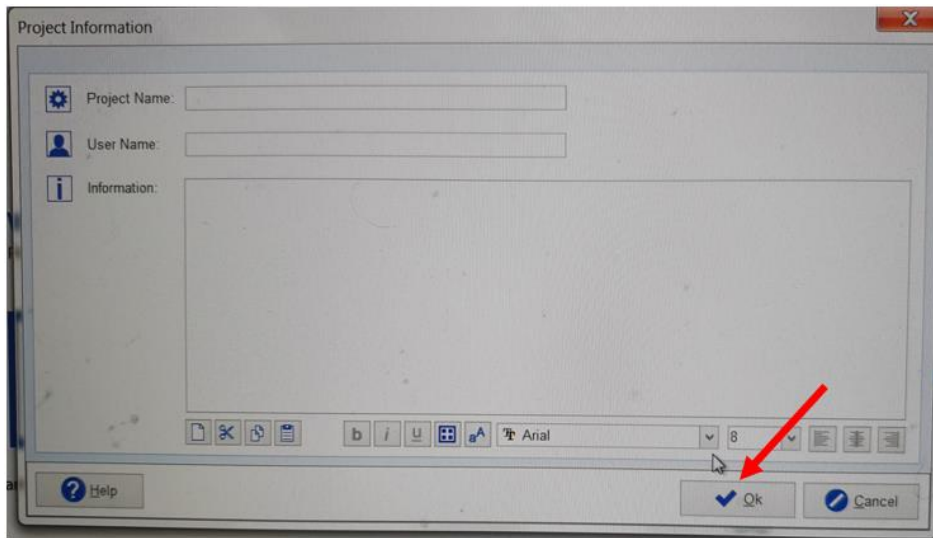


Figure 7: Project Information Window

- In the Overview window, the GA500 parameters (marked in red) indicate that it is working.

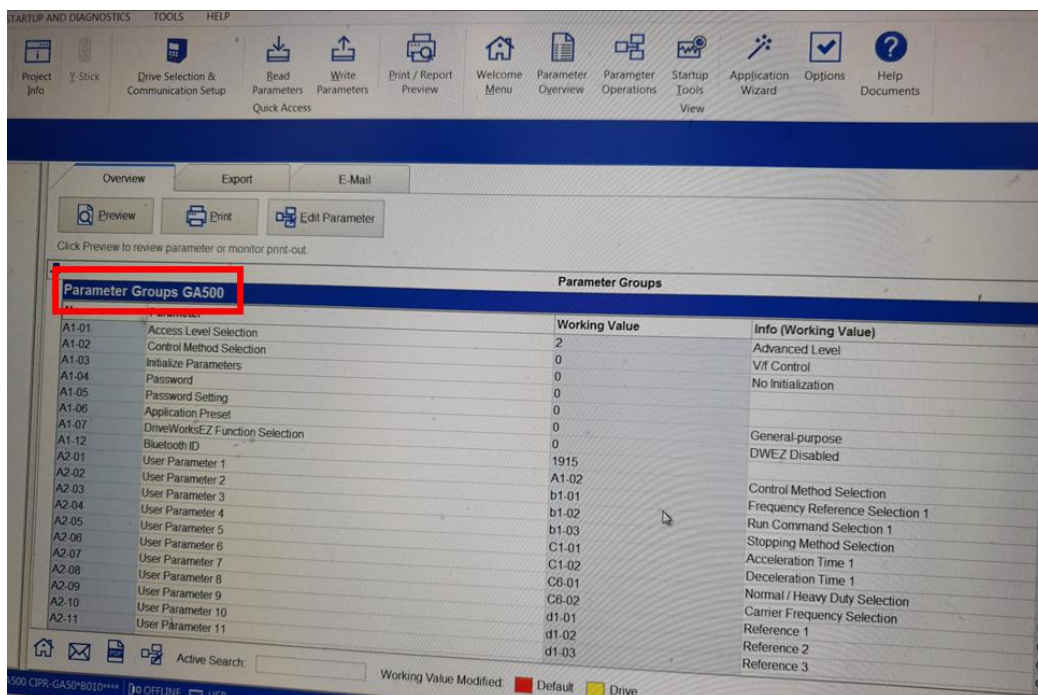
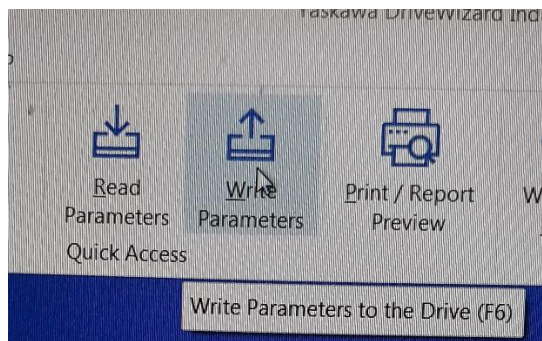


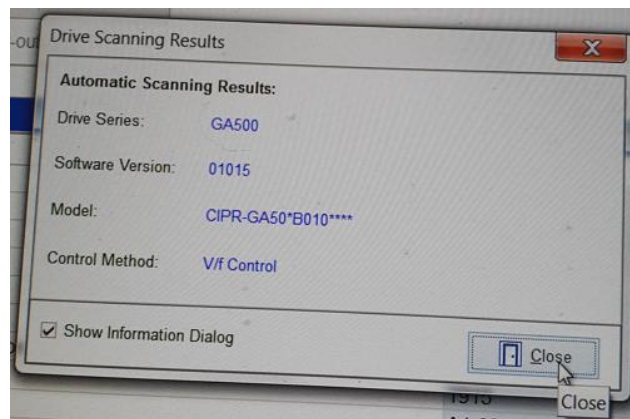
Figure 8: GA500 Parameters

8. In the toolbar, click Write Parameters.  
The Drive Scanning Results window opens.



**Figure 9: Write Parameters Icon**

9. In the Drive Scanning Results window, click Close.  
The program is downloaded onto the inverters.



**Figure 10: Drive Scanning Results Window**



## 4. Revision History

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Date	Comments	Revision
January 26, 2023	Draft	-
March 28, 2024	First Release	1.0