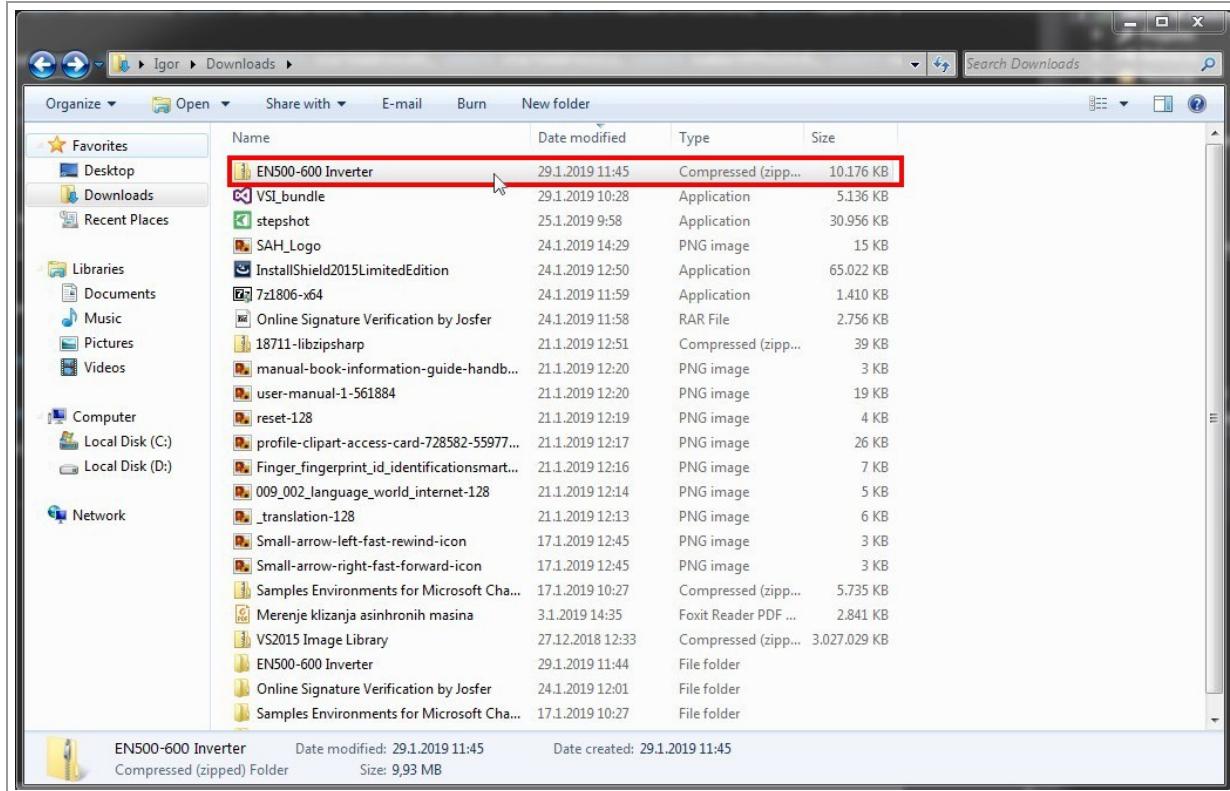


EN500-600 Inverter Guide

Igor Filipovic

Software Installation

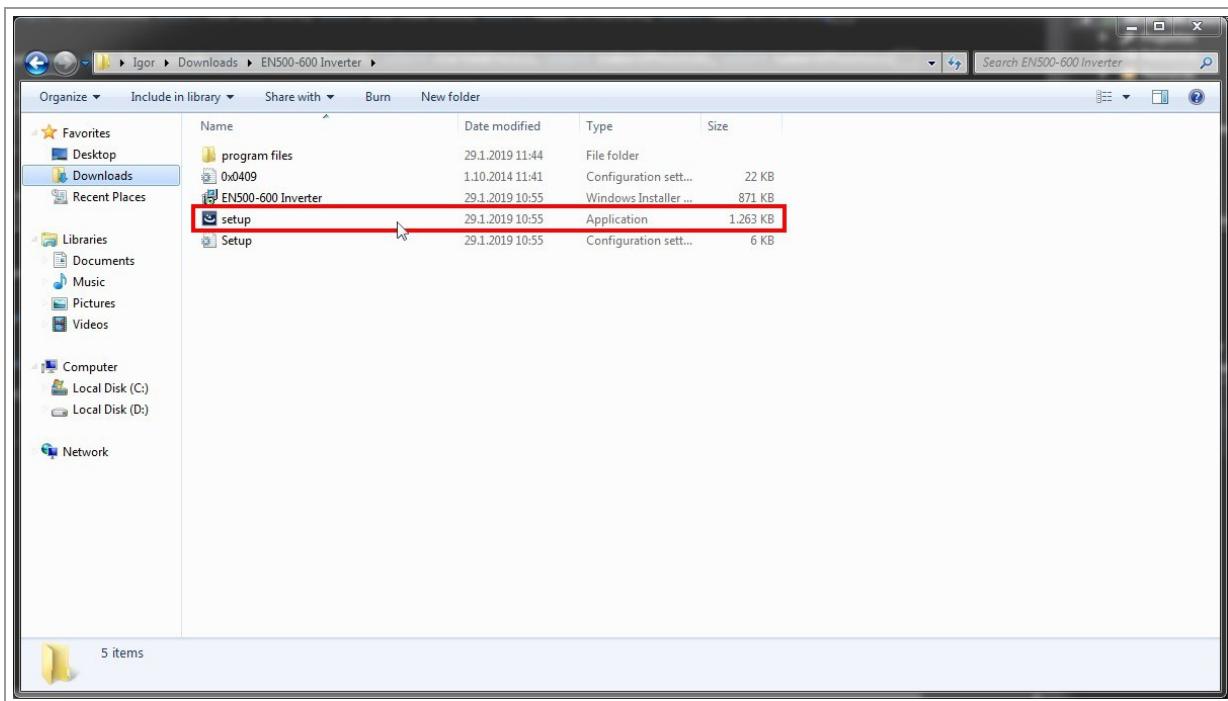
Download and Unzip Application



Download and unzip "EN500-600 Inverter" application from our website (www.sah.co.rs) under "EN600" section.

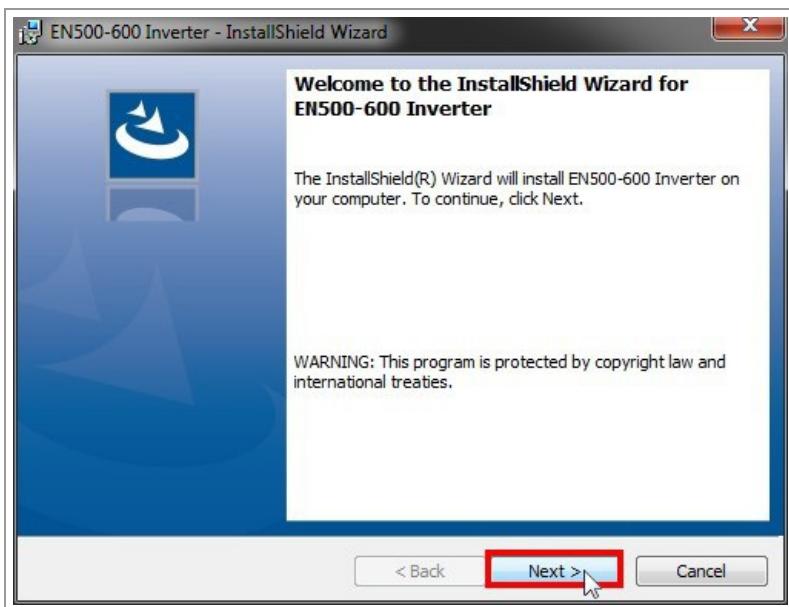
Note: this application is only available for Windows OS.

Run Installation

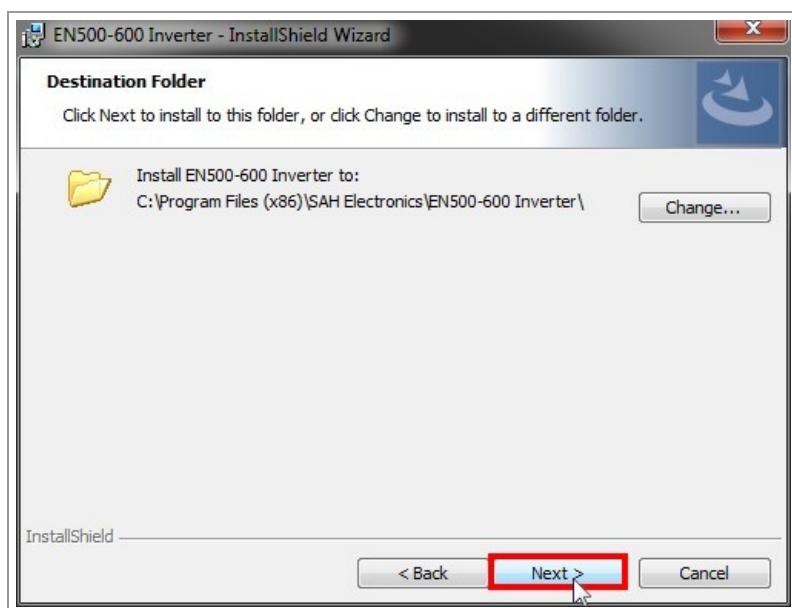
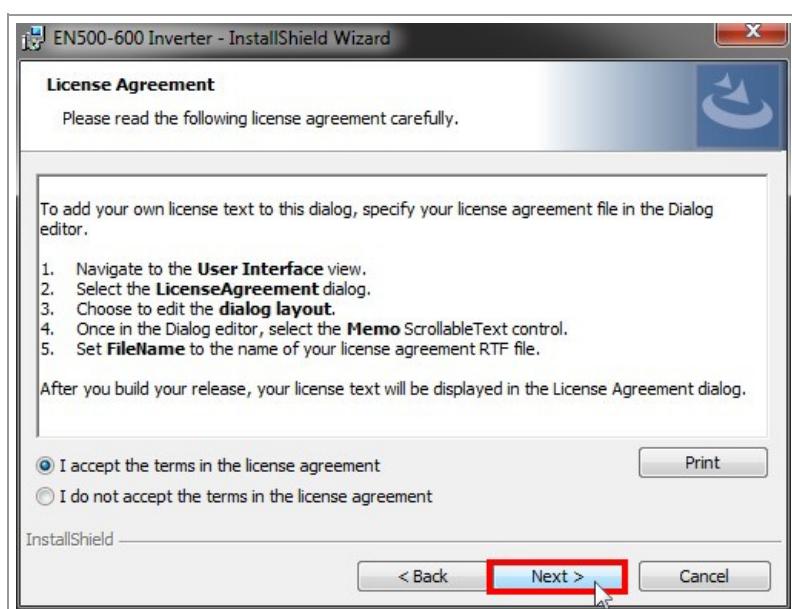
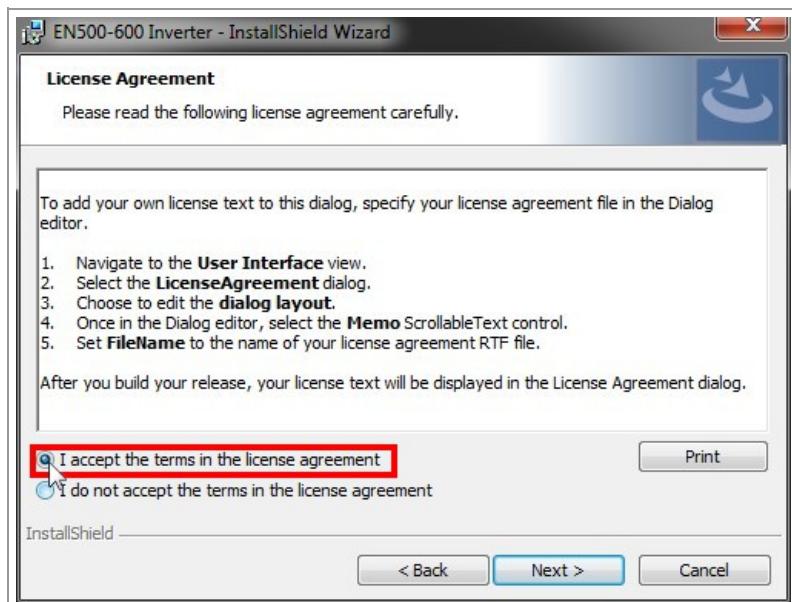


You can begin the installation process either by opening "setup.exe" or "EN500-600 Inverter.exe".

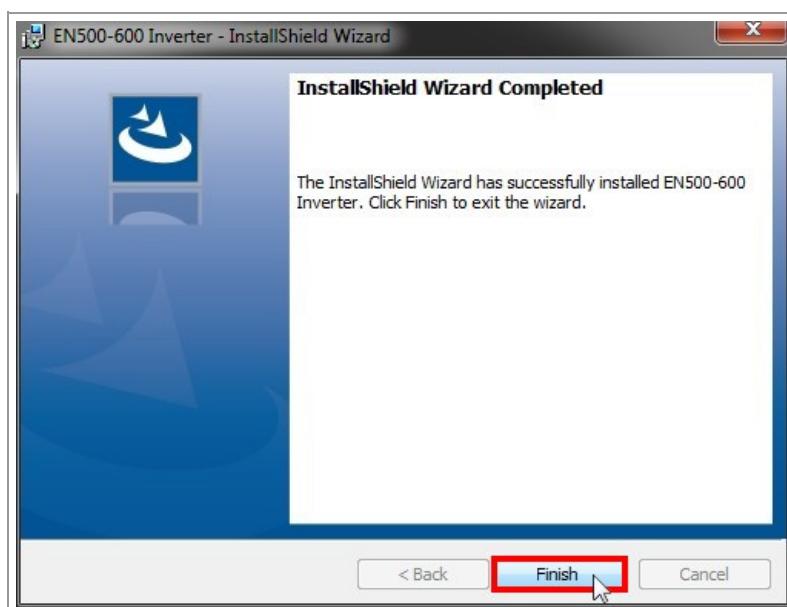
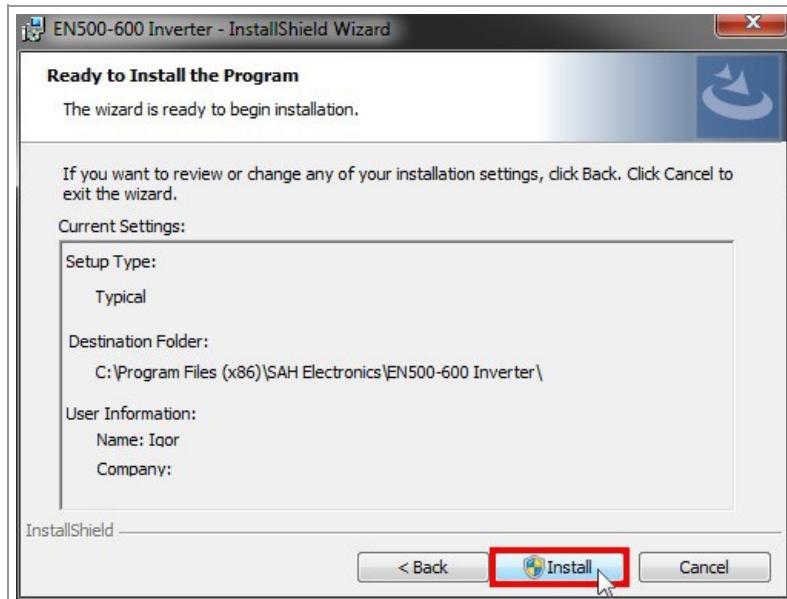
Installation Process



Follow these simple steps to install the software properly.



If you wish to change the destination folder you can do it by clicking on "Change" button.



Click on "Finish" button in "EN500-600 Inverter - InstallShield Wizard"

Open Application



After installation, the shortcut with name "EN500-600 Inverter" will be created on your desktop.

Double-click to open it.

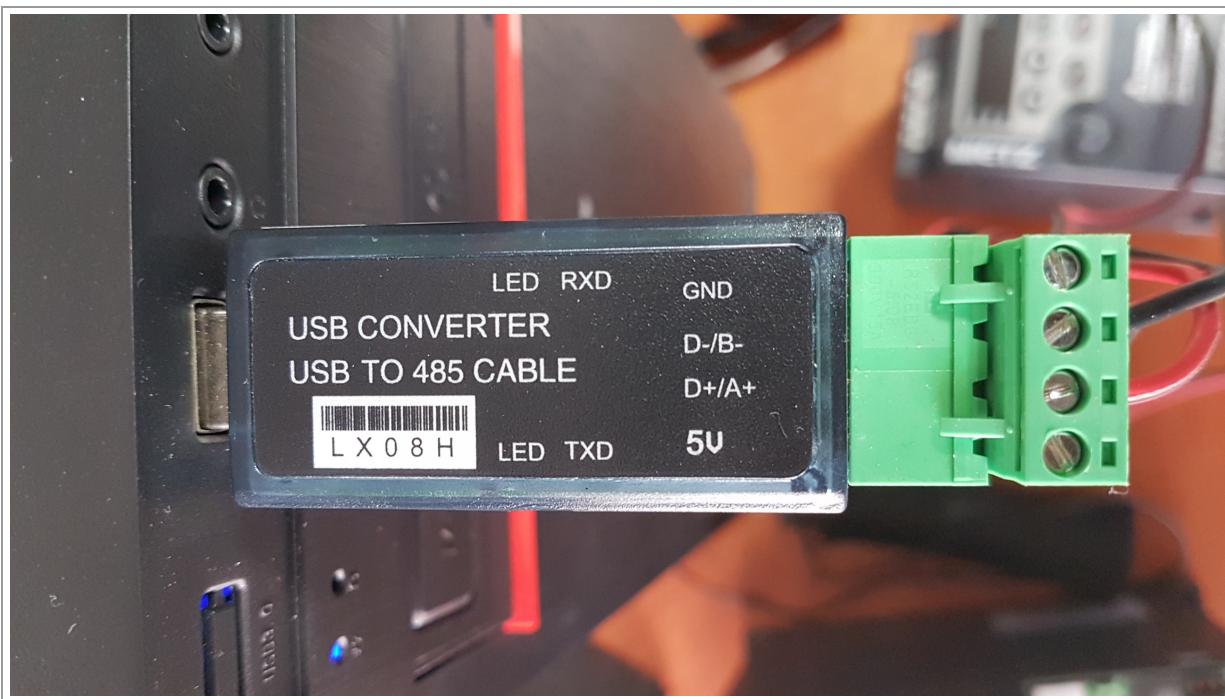
Connecting and Wiring Inverter

Wiring Power Supply



Bring the power supply to your inverter as shown.

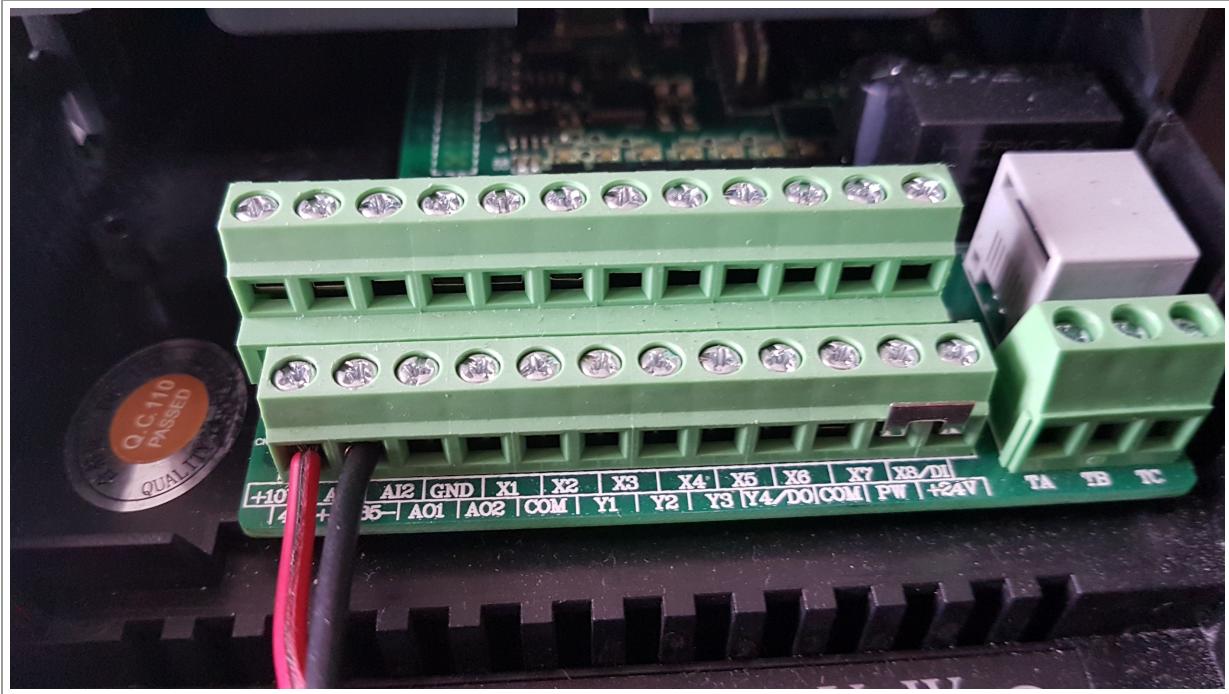
USB Connection



You need USB to RS485 converter to be connected and wired as shown on the following pictures.

Red wire -> D+/A+

Black wire -> D-/B-



Red wire -> 485+

Black wire -> 485-

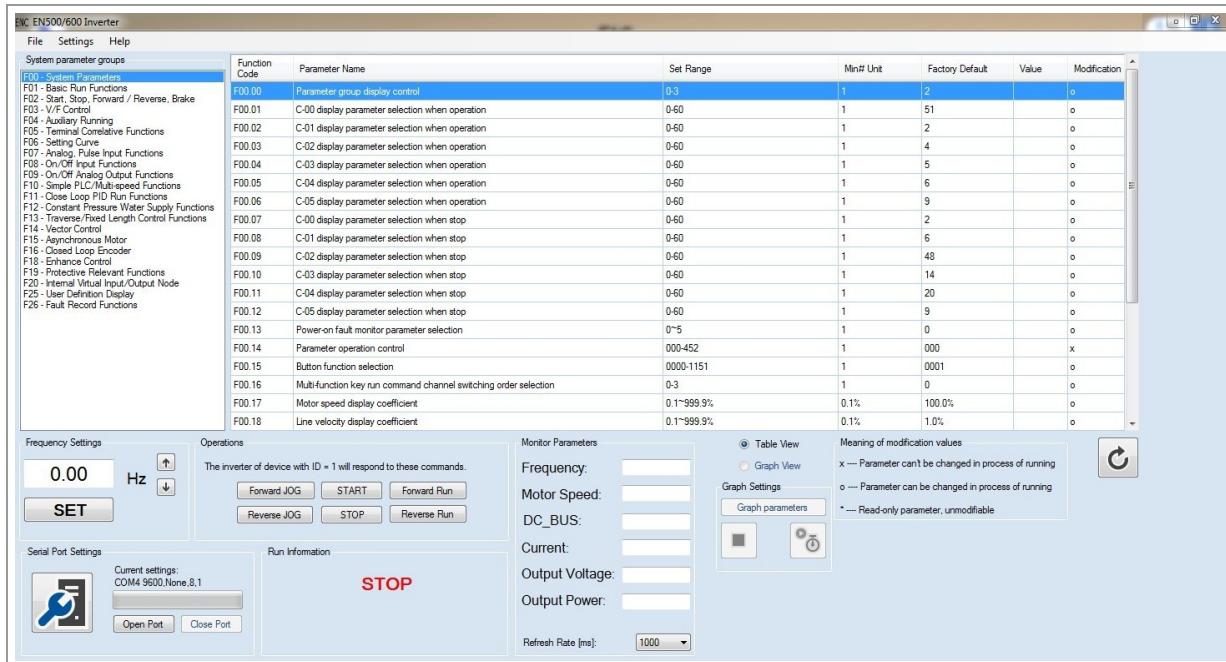






Communication Establishment

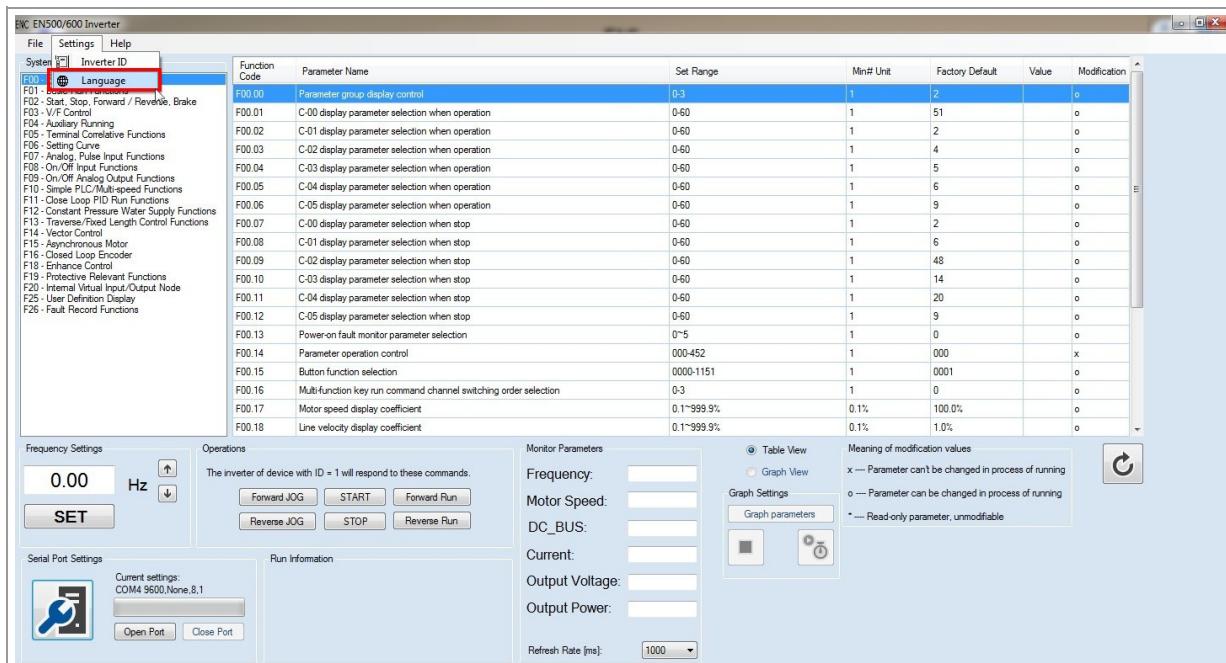
Initial Application Screen



After opening you'll get this initial screen.

Note: width and height of this window may vary depending on the dimensions of your monitor, because the app starts in full screen mode by default.

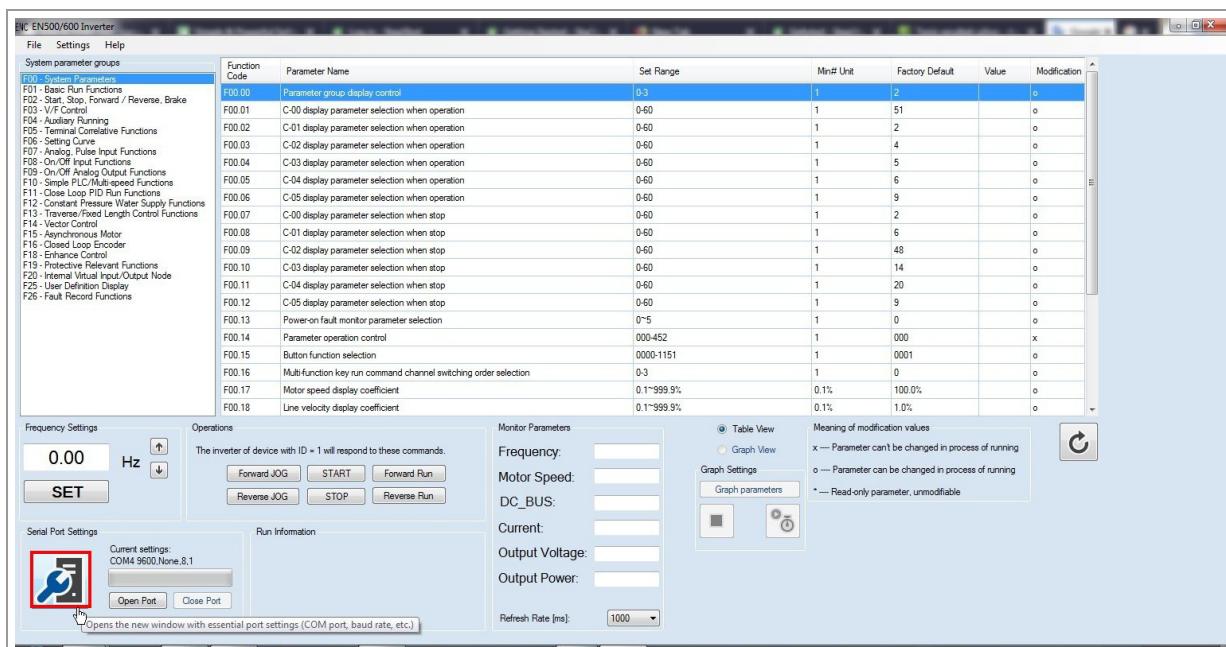
Change Language



The language is set to English by default.

If you need to change the language, go to Settings -> Language.

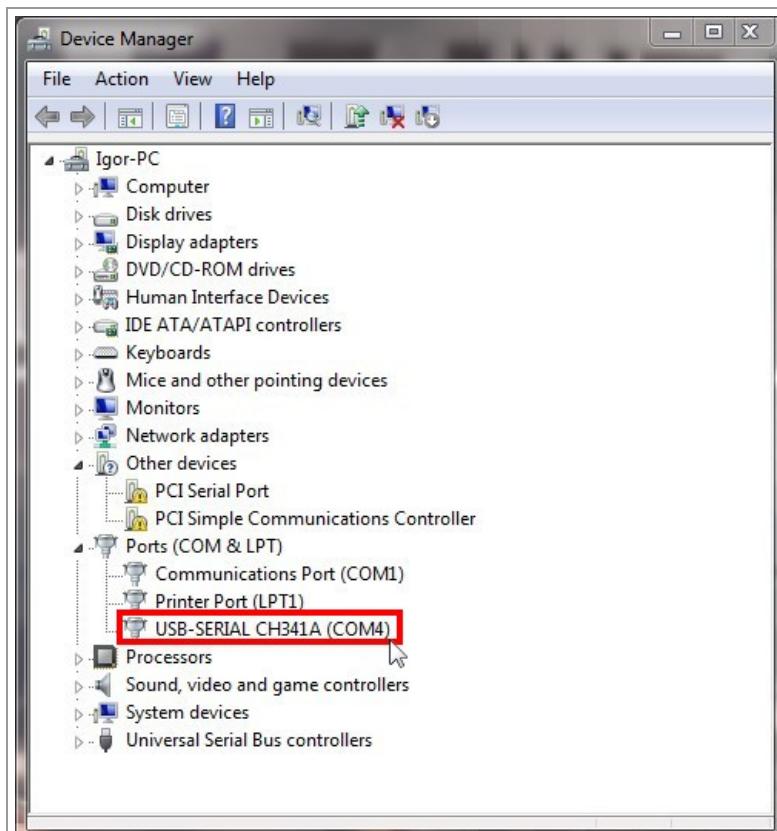
Setting Serial Port Parameters



In order to establish the communication between the inverter and your computer, you have to set the essential port parameters.

Click this button to get "Communication" window.

Check COM Port Connection

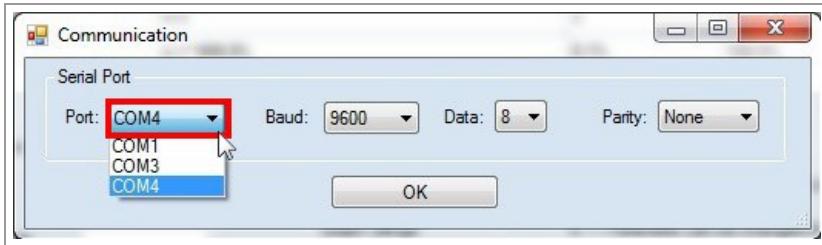


To check which port is your device connected to, follow the next steps:

- (1) On your Windows menu go to Control Panel -> Device Manager
- (2) Expand "Ports (COM & LPT)" item to get the list of all ports connected to your computer
- (3) Find your serial port (usually it is marked as "USB-SERIAL CH341A")
- (4) Notice the port label in brackets (COM + port number)

(5) Go back to your communication settings and select the noticed port

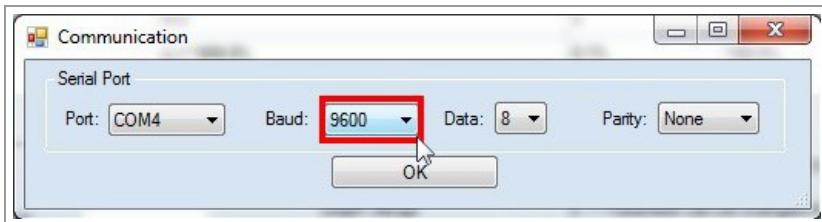
Select COM Port



In "Communication" window click on "Port" drop-down combo box to get the list of all available COM ports on your computer.

Note: when you launch the application for the first time this combo box will be empty; once you define this parameter it will be used as default every next time you start the app.

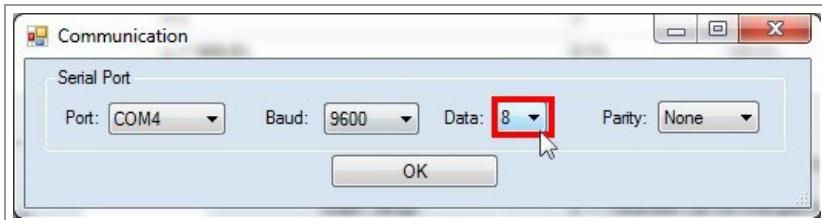
Select Baud Rate



By default baud rate configuration parameter is set to 9600.

Check for the default value of this parameter in Help -> User manual (Chapter 6.2 -> Default value of function F05.01).

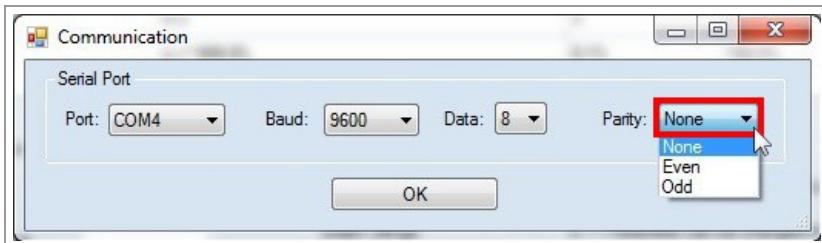
Select Data Format



By default data format configuration parameter is set to 8.

Check for the default value of this parameter in Help -> User manual (Chapter 6.2 -> Default value of function F05.02).

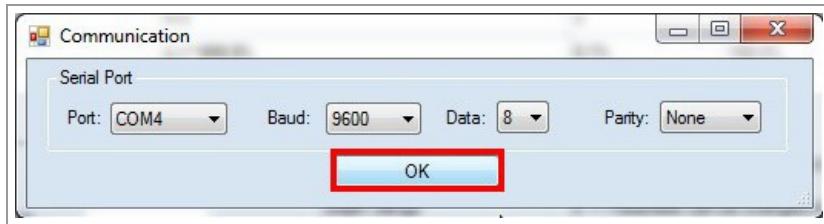
Select Parity Checkout



By default parity checkout configuration parameter is set to None.

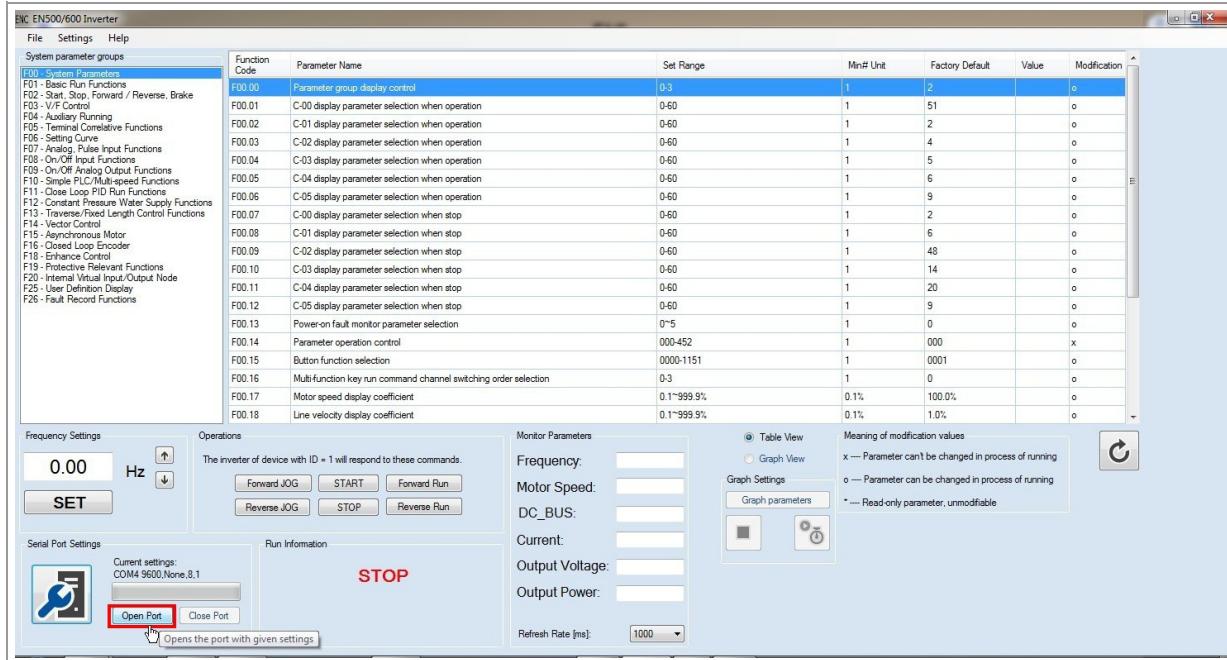
Check for the default value of this parameter in Help -> User manual (Chapter 6.2 -> Default value of function F05.02).

Save Your Settings



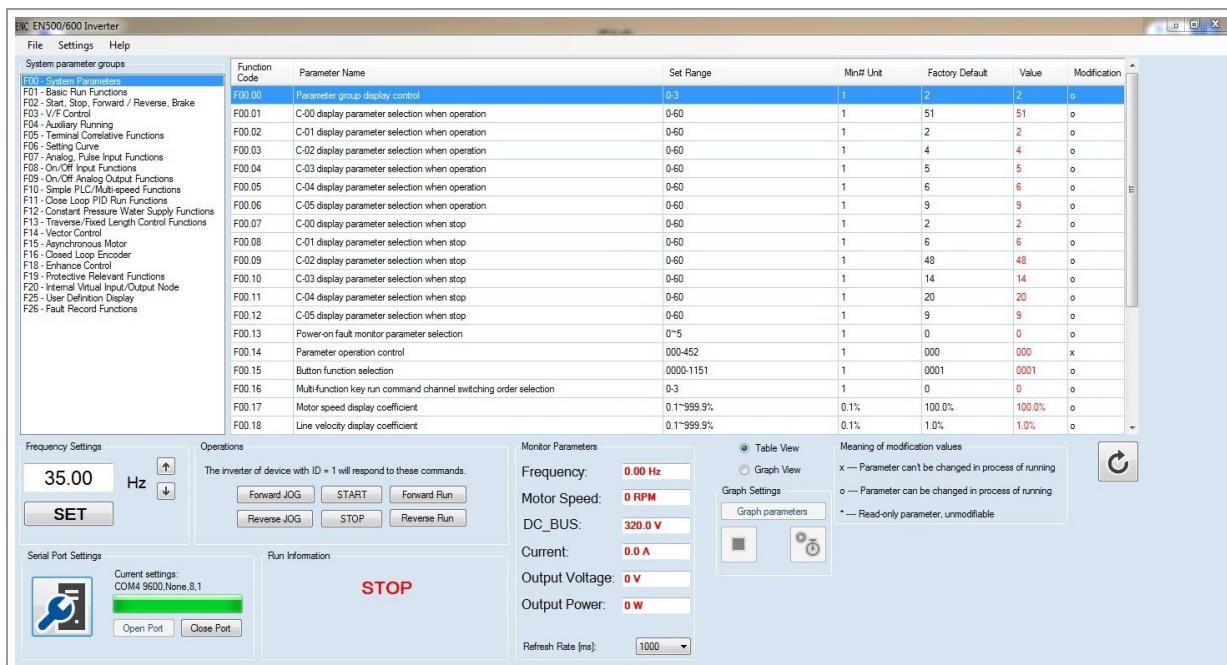
Click OK to save your communication settings and go back to the main screen

Open Port



Click on "Open Port" button to establish the communication between the inverter and your computer.

Connection Established



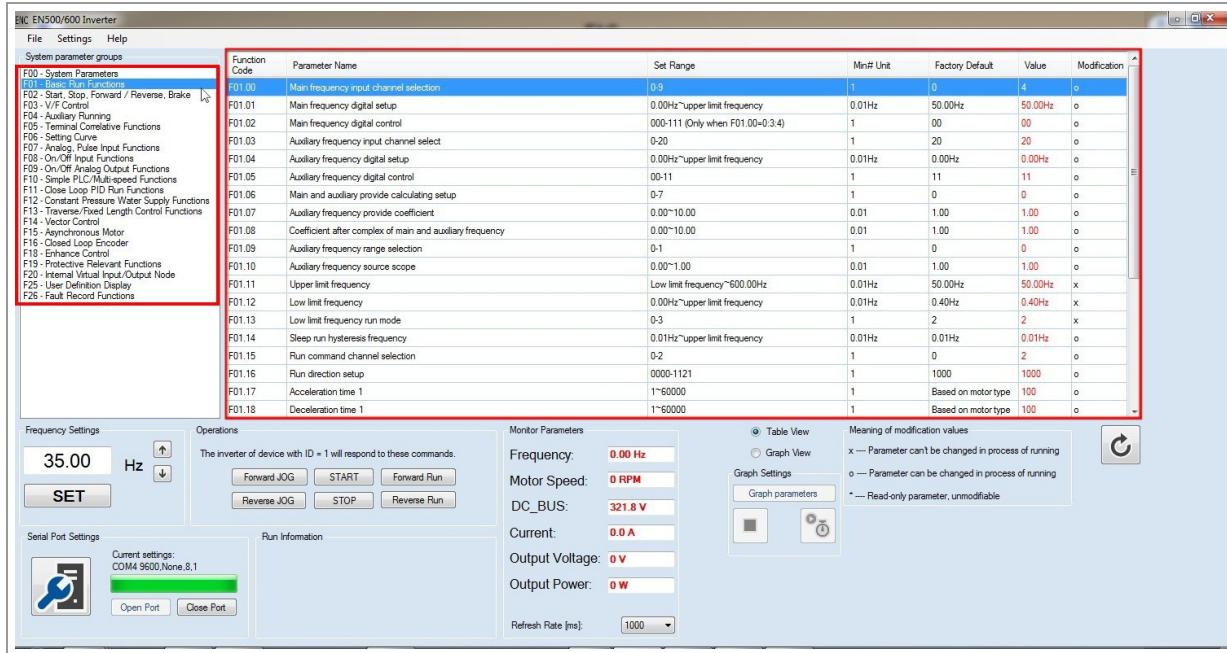
If the progress bar above the port buttons become green, the connection is established successfully and the main parameters are loaded from the inverter (colored in red).

If the error message is shown, then you should go back to the previous steps and check if you set the serial port

parameters properly.

Application Features

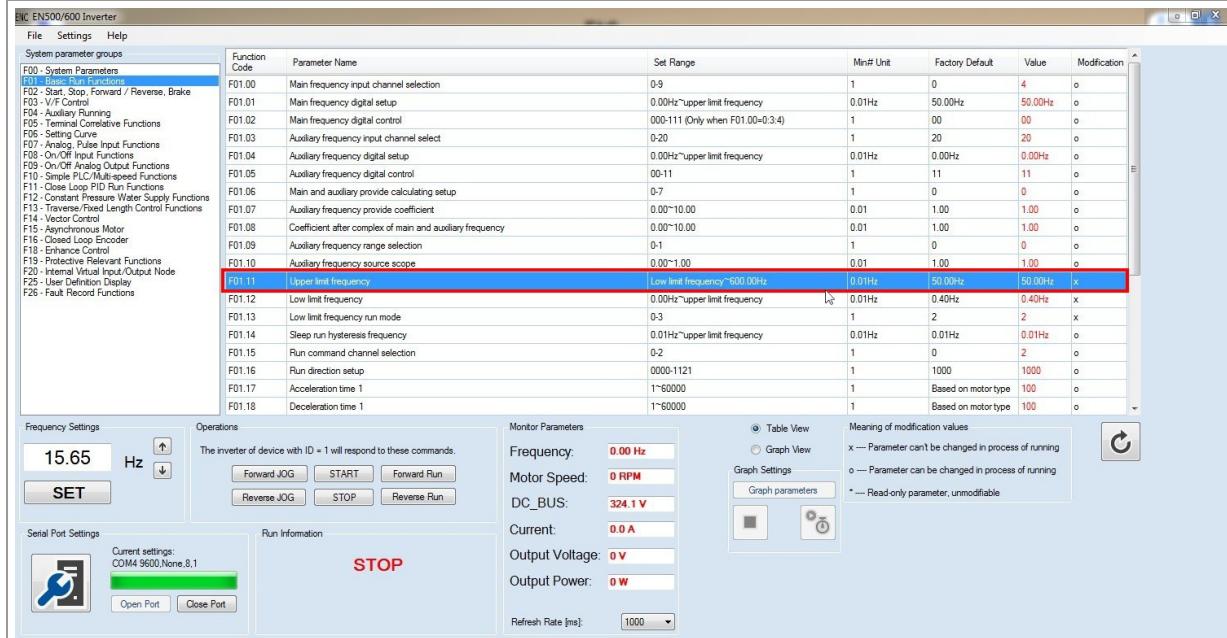
Switch Between System Parameter Groups



You can choose what functions to be shown in the table by clicking on desired system parameter group from the list.

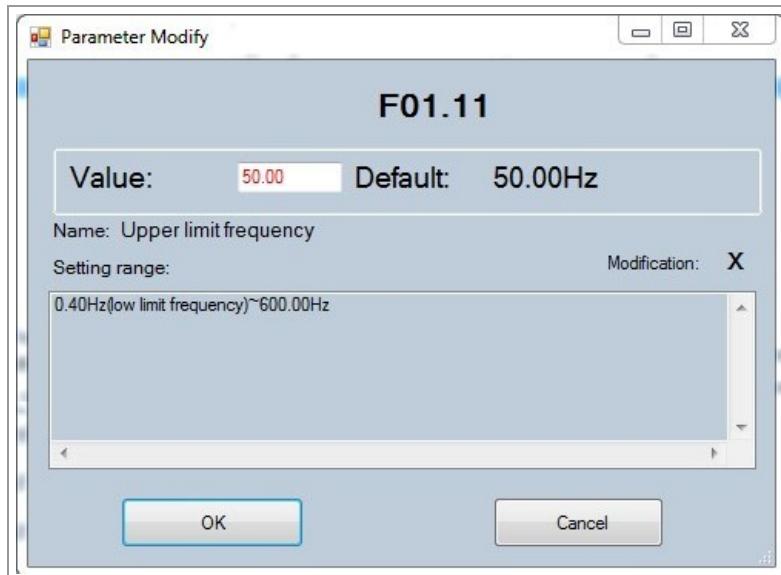
This operation takes a few seconds.

Parameter Modify

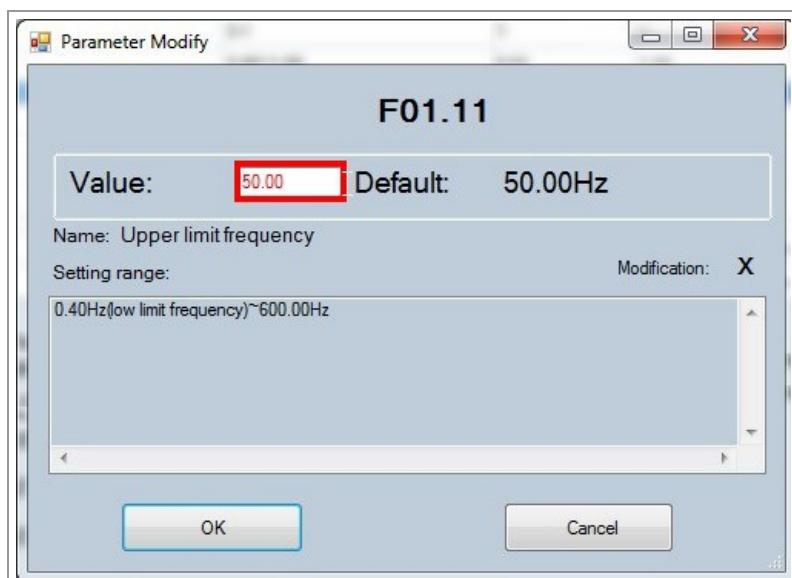


Double-click on desired row in the table to modify the value of selected parameter.

"Parameter Modify" window will be opened.

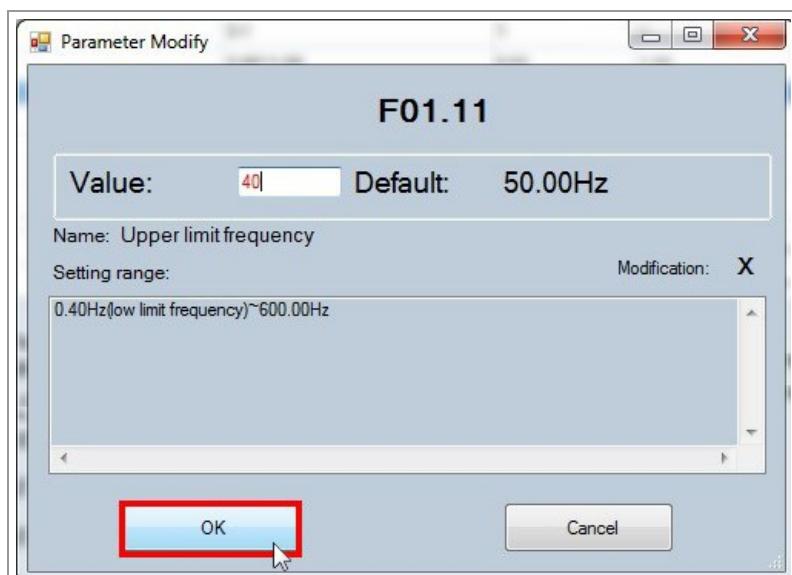


In this menu you can modify the value of selected parameter.



Enter the desired value within the shown setting range.

Note: if the parameter is read-only or not modifiable in current inverter running status, this field will be disabled.



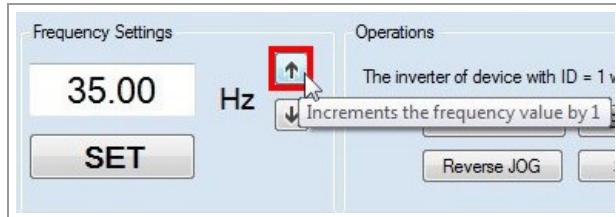
Confirm your changes by clicking OK button.

The screenshot shows the EIC EN500/600 Inverter software interface. The top menu includes File, Settings, Help, System parameter groups, and a list of function codes. The main area has two tabs: Frequency Settings and Operations. The Frequency Settings tab shows a digital display set to 35.00 Hz with a SET button. The Operations tab shows buttons for Forward JOG, START, Reverse JOG, STOP, Forward Run, and Reverse Run. To the right is a table of monitor parameters like Frequency, Motor Speed, DC_BUS, Current, Output Voltage, and Output Power. A legend at the bottom right explains modification values: x (Parameter can't be changed in process of running), o (Parameter can be changed in process of running), and * (Read-only parameter, unmodifiable). A specific row in the monitor table, F01.11, is highlighted with a red box around its value field, which is currently set to 40.00Hz.

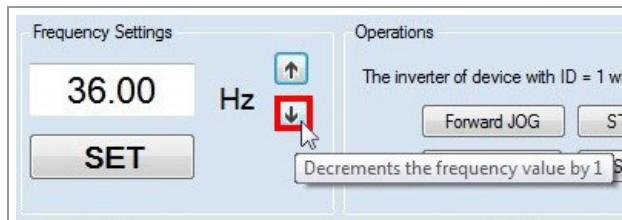
Your changes should be seen in the table after few seconds.

Otherwise, you'll get the warning message, which means that you didn't enter the valid value (not formatted correctly or value out of setting range).

Adjust Frequency Settings



Increment the value of setting frequency by 1 (if it doesn't exceed the upper limit frequency)

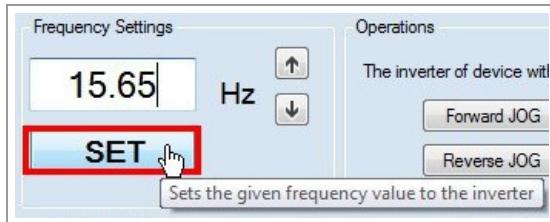


Decrement the value of setting frequency by 1 (if it is not less than low limit frequency)

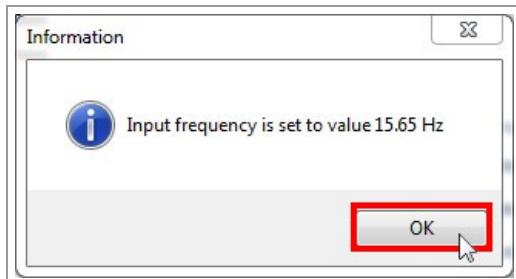


Also you can enter the value manually.

Set Frequency



Click SET button to assign the given frequency value to the inverter.



You'll be notified that the value has been set to the given value successfully.

Start The Inverter

Function Code	Parameter Name	Set Range	Min#	Unit	Factory Default	Value	Modification
F01.00	Main frequency input channel selection	0-9	1		4	50.00Hz	x
F01.01	Main frequency digital setup	0.00Hz~upper limit frequency	0.01Hz		50.00Hz	50.00Hz	o
F01.02	Main frequency digital control	000-111 (Only when F01.00=3-4)	1		00	00	o
F01.03	Auxiliary frequency input channel select	0-20	1		20	20	o
F01.04	Auxiliary frequency digital setup	0.00Hz~upper limit frequency	0.01Hz		0.00Hz	0.00Hz	o
F01.05	Auxiliary frequency digital control	00-11	1		11	11	o
F01.06	Main and auxiliary provide calculating setup	0-7	1		0	0	o
F01.07	Auxiliary frequency provide coefficient	0.00~10.00	0.01		1.00	1.00	o
F01.08	Coefficient after complex of main and auxiliary frequency	0.00~10.00	0.01		1.00	1.00	o
F01.09	Auxiliary frequency range selection	0-1	1		0	0	o
F01.10	Auxiliary frequency source scope	0.00~1.00	0.01		1.00	1.00	o
F01.11	Upper limit frequency	Low limit frequency~600.00Hz	0.01Hz		50.00Hz	50.00Hz	x
F01.12	Low limit frequency	0.00Hz~upper limit frequency	0.01Hz		0.40Hz	0.40Hz	x
F01.13	Low limit frequency run mode	0-3	1		2	2	x
F01.14	Sleep run hysteresis frequency	0.01Hz~upper limit frequency	0.01Hz		0.01Hz	0.01Hz	o
F01.15	Run command channel selection	0-2	1		0	2	o
F01.16	Run direction setup	0000-1121	1		1000	1000	o
F01.17	Acceleration time 1	1~60000	1		Based on motor type	100	o
F01.18	Deceleration time 1	1~60000	1		Based on motor type	100	o

Click on START button to start the inverter in default rotate direction.

Note: if nothing happens, check if F01.15 is set to value 2.

EIC EN500/600 Inverter

File Settings Help

System parameter groups

Function Code	Parameter Name	Set Range	Mn# Unit	Factory Default	Value	Modification
F00 - System Parameters						
F01 - Frequency Control						
F02 - Start, Stop, Forward / Reverse, Brake	Main frequency input channel selection	0-9	1	0	4	o
F03 - V/F Control	Main frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	50.00Hz	50.00Hz	o
F04 - Analog Pulse	Main frequency digital control	000-111 (Only when F01.00=3:4)	1	00	00	o
F05 - Terminal Cursive Functions	Auxiliary frequency input channel select	0-20	1	20	20	o
F06 - Setting Curve	Auxiliary frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	0.00Hz	0.00Hz	o
F07 - Analog Pulse Input Functions	Auxiliary frequency digital control	00-11 (Only when F01.00=3:4)	1	11	11	o
F08 - On/Off Input Functions	Main and auxiliary provide calculating setup	0-7	1	0	0	o
F09 - Simple PLC/Multi-speed Functions	Auxiliary frequency provide coefficient	0.00~10.00	0.01	1.00	1.00	o
F10 - Close Loop PID Run Functions	Coefficient after complex of main and auxiliary frequency	0.00~10.00	0.01	1.00	1.00	o
F11 - Constant Pressure Water Supply Functions	Auxiliary frequency range selection	0-1	1	0	0	o
F12 - Closed Loop Length Control Functions	Auxiliary frequency source scope	0.00~1.00	0.01	1.00	1.00	o
F13 - Vector Control	Upper limit frequency	Low limit frequency~600.00Hz	0.01Hz	50.00Hz	50.00Hz	x
F14 - Vector Control	Low limit frequency	0.00Hz~upper limit frequency	0.01Hz	0.40Hz	0.40Hz	x
F15 - Asynchronous Motor	Low limit frequency run mode	0-3	1	2	2	x
F16 - Closed Loop Encoder	Sleep run hysteresis frequency	0.01Hz~upper limit frequency	0.01Hz	0.01Hz	0.01Hz	o
F17 - Position Control	Run command channel selection	0-2	1	0	2	o
F18 - Protective Relevant Functions	Run direction setup	0000-1121	1	1000	1000	o
F20 - Internal Virtual Input/Output Node	Acceleration time 1	1~60000	1	Based on motor type	100	o
F26 - Fault Record Functions	Deceleration time 1	1~60000	1	Based on motor type	100	o

Frequency Settings: 15.56 Hz

Operations: The inverter of device with ID = 1 will respond to these commands.

Forward JOG START Forward Run
Reverse JOG STOP Reverse Run

Monitor Parameters:

- Frequency: 15.56 Hz
- Motor Speed: 466 RPM
- DC_BUS: 320.8 V
- Current: 0.2 A
- Output Voltage: 70 V
- Output Power: 0.14 W

Meaning of modification values:

- x --- Parameter can't be changed in process of running
- o --- Parameter can be changed in process of running
- --- Read-only parameter, unmodifiable

Serial Port Settings: Current settings: COM4 9600, None, 8.1

Run Information: START

Rotate Direction: Forward

Refresh Rate [ms]: 1000

Run information should be changed from STOP to START and the Rotate Direction label will appear.

Also you will notice that Monitor Parameters are changing by the chosen refresh rate interval (by default 1000 ms)

EIC EN500/600 Inverter

File Settings Help

System parameter groups

Function Code	Parameter Name	Set Range	Mn# Unit	Factory Default	Value	Modification
F00 - System Parameters						
F01 - Frequency Control						
F02 - Start, Stop, Forward / Reverse, Brake	Main frequency input channel selection	0-9	1	0	4	o
F03 - V/F Control	Main frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	50.00Hz	50.00Hz	o
F04 - Analog Pulse	Main frequency digital control	000-111 (Only when F01.00=3:4)	1	00	00	o
F05 - Terminal Cursive Functions	Auxiliary frequency input channel select	0-20	1	20	20	o
F06 - Setting Curve	Auxiliary frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	0.00Hz	0.00Hz	o
F07 - Analog Pulse Input Functions	Auxiliary frequency digital control	00-11 (Only when F01.00=3:4)	1	11	11	o
F08 - On/Off Input Functions	Main and auxiliary provide calculating setup	0-7	1	0	0	o
F09 - Simple PLC/Multi-speed Functions	Auxiliary frequency provide coefficient	0.00~10.00	0.01	1.00	1.00	o
F10 - Close Loop PID Run Functions	Coefficient after complex of main and auxiliary frequency	0.00~10.00	0.01	1.00	1.00	o
F11 - Constant Pressure Water Supply Functions	Auxiliary frequency range selection	0-1	1	0	0	o
F12 - Closed Loop Length Control Functions	Auxiliary frequency source scope	0.00~1.00	0.01	1.00	1.00	o
F13 - Vector Control	Upper limit frequency	Low limit frequency~600.00Hz	0.01Hz	50.00Hz	50.00Hz	x
F14 - Vector Control	Low limit frequency	0.00Hz~upper limit frequency	0.01Hz	0.40Hz	0.40Hz	x
F15 - Asynchronous Motor	Low limit frequency run mode	0-3	1	2	2	x
F16 - Closed Loop Encoder	Sleep run hysteresis frequency	0.01Hz~upper limit frequency	0.01Hz	0.01Hz	0.01Hz	o
F17 - Position Control	Run command channel selection	0-2	1	0	2	o
F18 - Protective Relevant Functions	Run direction setup	0000-1121	1	1000	1000	o
F20 - Internal Virtual Input/Output Node	Acceleration time 1	1~60000	1	Based on motor type	100	o
F26 - Fault Record Functions	Deceleration time 1	1~60000	1	Based on motor type	100	o

Frequency Settings: 15.56 Hz

Operations: The inverter of device with ID = 1 will respond to these commands.

Forward JOG START Forward Run
Reverse JOG STOP Reverse Run

Monitor Parameters:

- Frequency: 15.56 Hz
- Motor Speed: 466 RPM
- DC_BUS: 320.8 V
- Current: 0.2 A
- Output Voltage: 70 V
- Output Power: 0.14 W

Meaning of modification values:

- x --- Parameter can't be changed in process of running
- o --- Parameter can be changed in process of running
- --- Read-only parameter, unmodifiable

Serial Port Settings: Current settings: COM4 9600, None, 8.1

Run Information: START

Rotate Direction: Reverse

Refresh Rate [ms]: 1000

Click on "Forward Run" or "Reverse Run" button to change between forward and reverse rotate direction.

The change will be displayed in Run Information group box.

EIC EN500/600 Inverter

File Settings Help

System parameter groups

Function Code	Parameter Name	Set Range	Mn# Unit	Factory Default	Value	Modification
F00 - System Parameters						
F01 - Start, Stop, Forward / Reverse, Brake	Main frequency input channel selection	0-9	1	0	0	o
F02 - V/F Control	Main frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	50.00Hz	50.00Hz	o
F04 - Auxiliary Running	Main frequency digital control	000-111 (Only when F01.00=3-4)	1	00	00	o
F05 - Internal PLC/Multi-speed Functions	Auxiliary frequency input channel select	0-20	1	20	20	o
F06 - Setting Curve	Auxiliary frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	0.00Hz	0.00Hz	o
F07 - Analog, Pulse Input Functions	Auxiliary frequency digital control	0-11	1	11	11	o
F08 - On/Off Input Functions	Main and auxiliary provide calculating setup	0-7	1	0	0	o
F09 - Position/Speed/Output Functions	Auxiliary frequency provide coefficient	0.00~10.00	0.01	1.00	1.00	o
F10 - Simple PLC/Multi-speed Functions	Coefficient after complex of main and auxiliary frequency	0.00~10.00	0.01	1.00	1.00	o
F11 - Close Loop PID Run Functions	Auxiliary frequency range selection	0-1	1	0	0	o
F12 - Constant Pressure Water Supply Functions	Auxiliary frequency source scope	0.00~1.00	0.01	1.00	1.00	o
F13 - Closed Loop Fixed Length Control Functions	Upper limit frequency	Low limit frequency~600.00Hz	0.01Hz	50.00Hz	50.00Hz	x
F14 - Vector Control	Low limit frequency	0.00Hz~upper limit frequency	0.01Hz	0.40Hz	0.40Hz	x
F15 - Asynchronous Motor	Low limit frequency run mode	0-3	1	2	2	x
F16 - Closed Loop Encoder	Sleep run hysteresis frequency	0.01Hz~upper limit frequency	0.01Hz	0.01Hz	0.01Hz	o
F17 - Enhance Control	Run command channel selection	0-2	1	0	2	o
F18 - Protective Relevant Functions	Run direction setup	0000-1121	1	1000	1000	o
F20 - Internal Virtual Input/Output Node	Acceleration time 1	1~60000	1	Based on motor type	100	o
F26 - Fault Record Functions	Deceleration time 1	1~60000	1	Based on motor type	100	o

Frequency Settings: 50.00 Hz SET

Operations: Forward JOG, START, Reverse JOG, Reverse STOP, Reverse Run

Monitor Parameters: Frequency: 5.00 Hz, Motor Speed: 150 RPM, DC_BUS: 320.2 V, Current: 0.2 A, Output Voltage: 23 V, Output Power: 0.046 W, Refresh Rate [ms]: 1000

Serial Port Settings: Current settings: COM3 9600, None, 8,1 Open Port Close Port

Run Information: START, Rotate Direction: Forward

Meaning of modification values:

- x --- Parameter can't be changed in process of running
- o --- Parameter can be changed in process of running
- * --- Read-only parameter, unmodifiable

JOG buttons will start the inverter in forward or reverse direction with set JOG frequency (default is 5.00 Hz)

Stop The Inverter

EIC EN500/600 Inverter

File Settings Help

System parameter groups

Function Code	Parameter Name	Set Range	Mn# Unit	Factory Default	Value	Modification
F00 - System Parameters						
F01 - Start, Stop, Forward / Reverse, Brake	Main frequency input channel selection	0-9	1	0	4	o
F02 - V/F Control	Main frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	50.00Hz	50.00Hz	o
F04 - Auxiliary Running	Main frequency digital control	000-111 (Only when F01.00=3-4)	1	00	00	o
F05 - Internal PLC/Multi-speed Functions	Auxiliary frequency input channel select	0-20	1	20	20	o
F06 - Setting Curve	Auxiliary frequency digital setup	0.00Hz~upper limit frequency	0.01Hz	0.00Hz	0.00Hz	o
F07 - Analog, Pulse Input Functions	Auxiliary frequency digital control	0-11	1	11	11	o
F08 - On/Off Input Functions	Main and auxiliary provide calculating setup	0-7	1	0	0	o
F09 - Position/Speed/Output Functions	Auxiliary frequency provide coefficient	0.00~10.00	0.01	1.00	1.00	o
F10 - Simple PLC/Multi-speed Functions	Coefficient after complex of main and auxiliary frequency	0.00~10.00	0.01	1.00	1.00	o
F11 - Close Loop PID Run Functions	Auxiliary frequency range selection	0-1	1	0	0	o
F12 - Constant Pressure Water Supply Functions	Auxiliary frequency source scope	0.00~1.00	0.01	1.00	1.00	o
F13 - Closed Loop Fixed Length Control Functions	Upper limit frequency	Low limit frequency~600.00Hz	0.01Hz	50.00Hz	50.00Hz	x
F14 - Vector Control	Low limit frequency	0.00Hz~upper limit frequency	0.01Hz	0.40Hz	0.40Hz	x
F15 - Asynchronous Motor	Low limit frequency run mode	0-3	1	2	2	x
F16 - Closed Loop Encoder	Sleep run hysteresis frequency	0.01Hz~upper limit frequency	0.01Hz	0.01Hz	0.01Hz	o
F17 - Enhance Control	Run command channel selection	0-2	1	0	2	o
F18 - Protective Relevant Functions	Run direction setup	0000-1121	1	1000	1000	o
F20 - Internal Virtual Input/Output Node	Acceleration time 1	1~60000	1	Based on motor type	100	o
F26 - Fault Record Functions	Deceleration time 1	1~60000	1	Based on motor type	100	o

Frequency Settings: 35.00 Hz SET

Operations: Forward JOG, START, Forward Run, Reverse JOG, STOP, Reverse Run

Monitor Parameters: Frequency: 5.00 Hz, Motor Speed: 150 RPM, DC_BUS: 321.0 V, Current: 0.2 A, Output Voltage: 23 V, Output Power: 0.046 W, Refresh Rate [ms]: 1000

Serial Port Settings: Current settings: COM4 9600, None, 8,1 Open Port Close Port

Run Information: Starts the inverter, Rotate Direction: Reverse

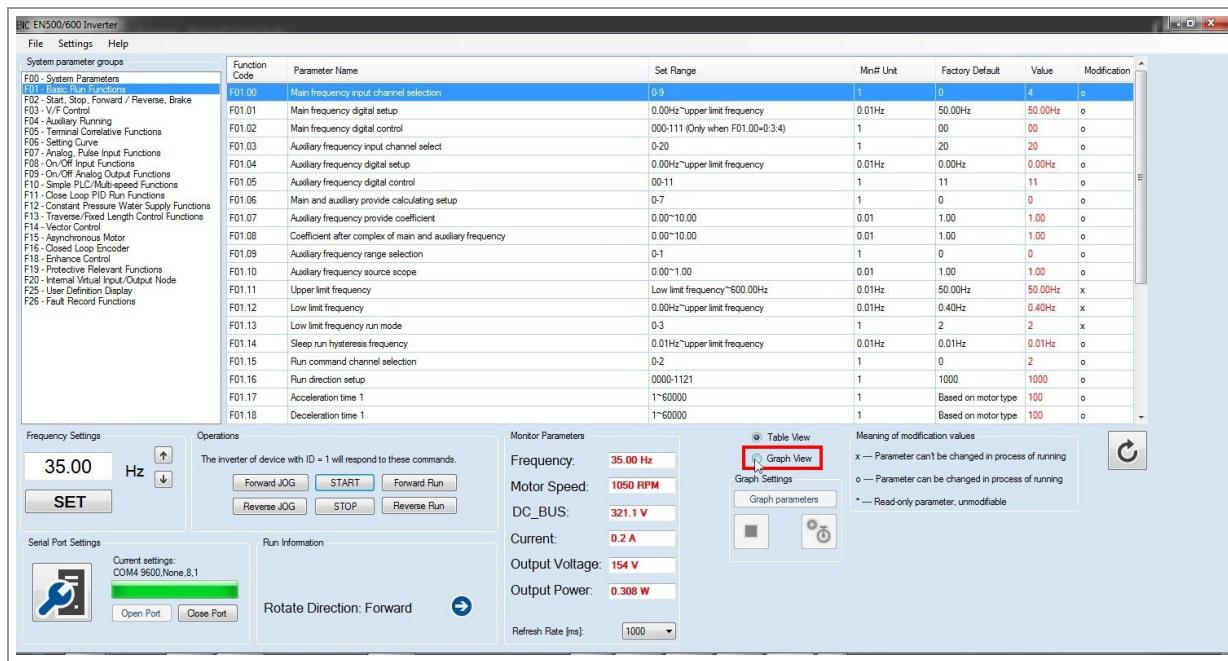
Meaning of modification values:

- x --- Parameter can't be changed in process of running
- o --- Parameter can be changed in process of running
- * --- Read-only parameter, unmodifiable

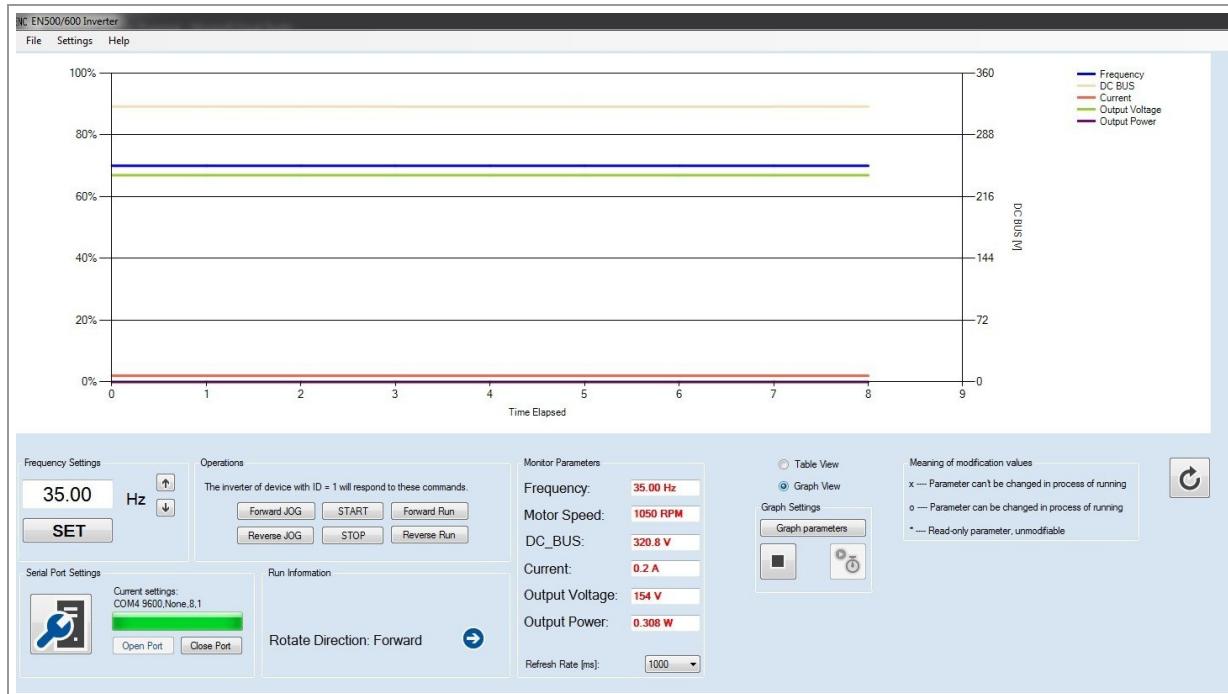
Click on STOP button to stop the running of inverter.

All monitor parameters except "DC_BUS" will fall to zero and Rotate Direction label will fade.

Graph View

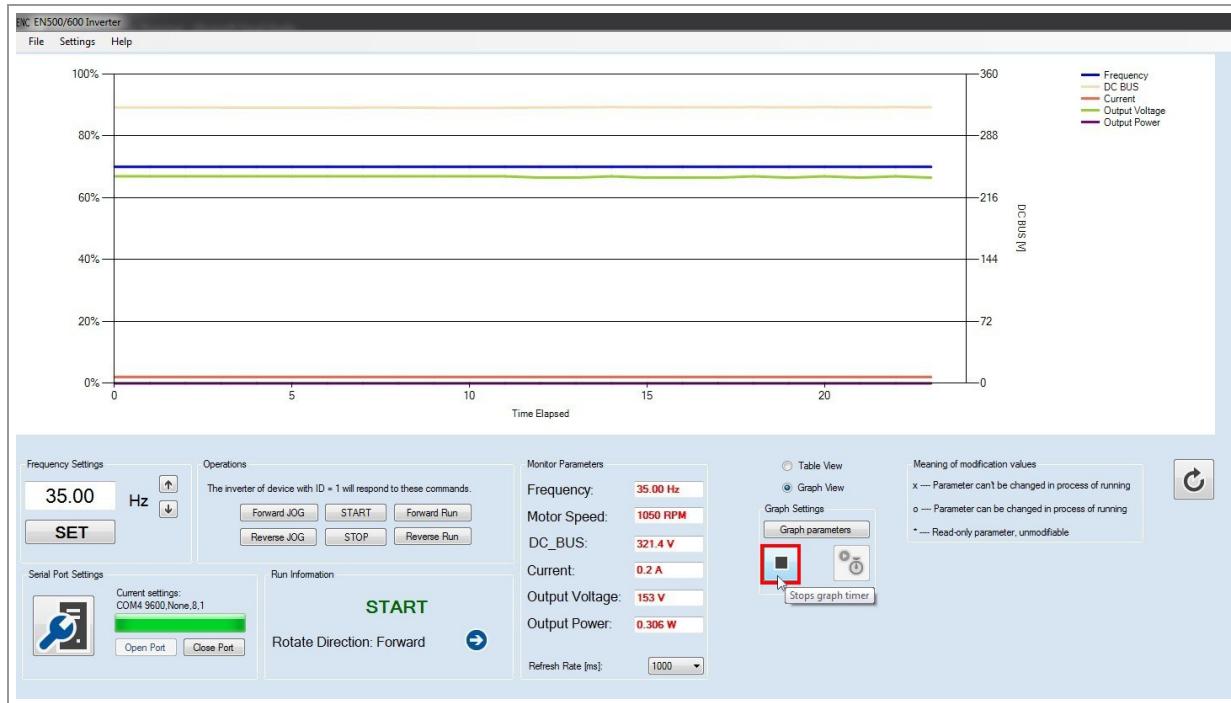


Click on Graph View radio button to change the current view from table to graph.



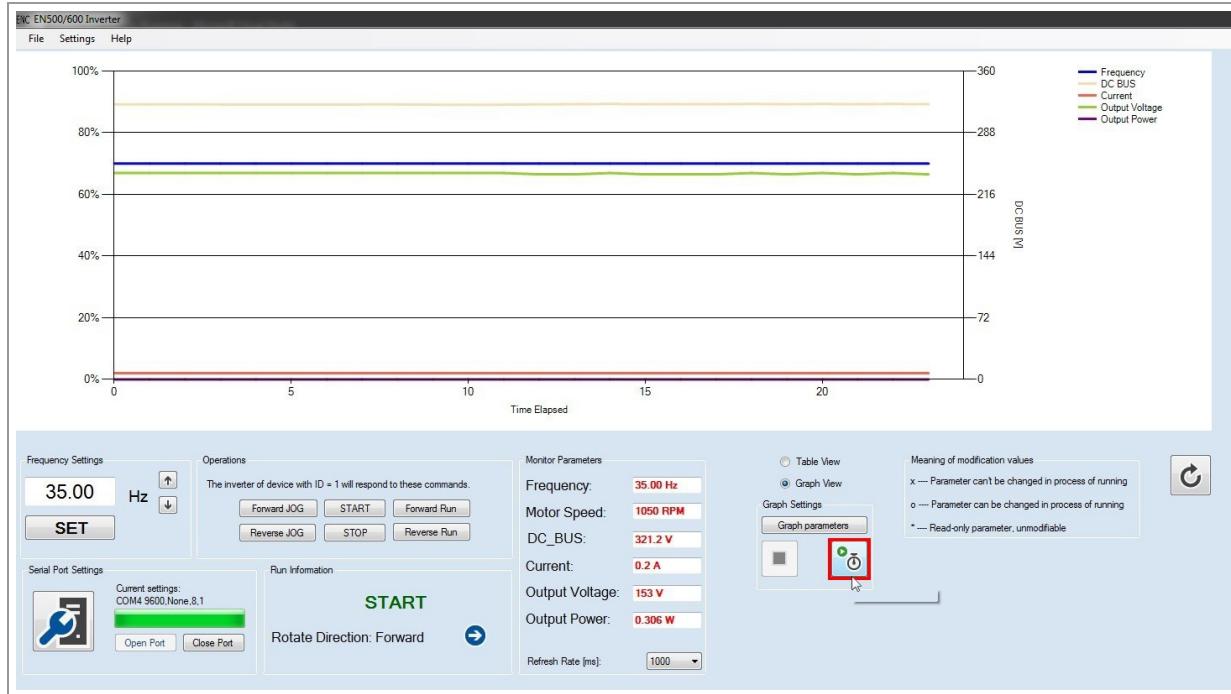
In this mode you can observe the trending chart of key parameter changes through specified time intervals (Refresh Rate).

Stop Graph Timer



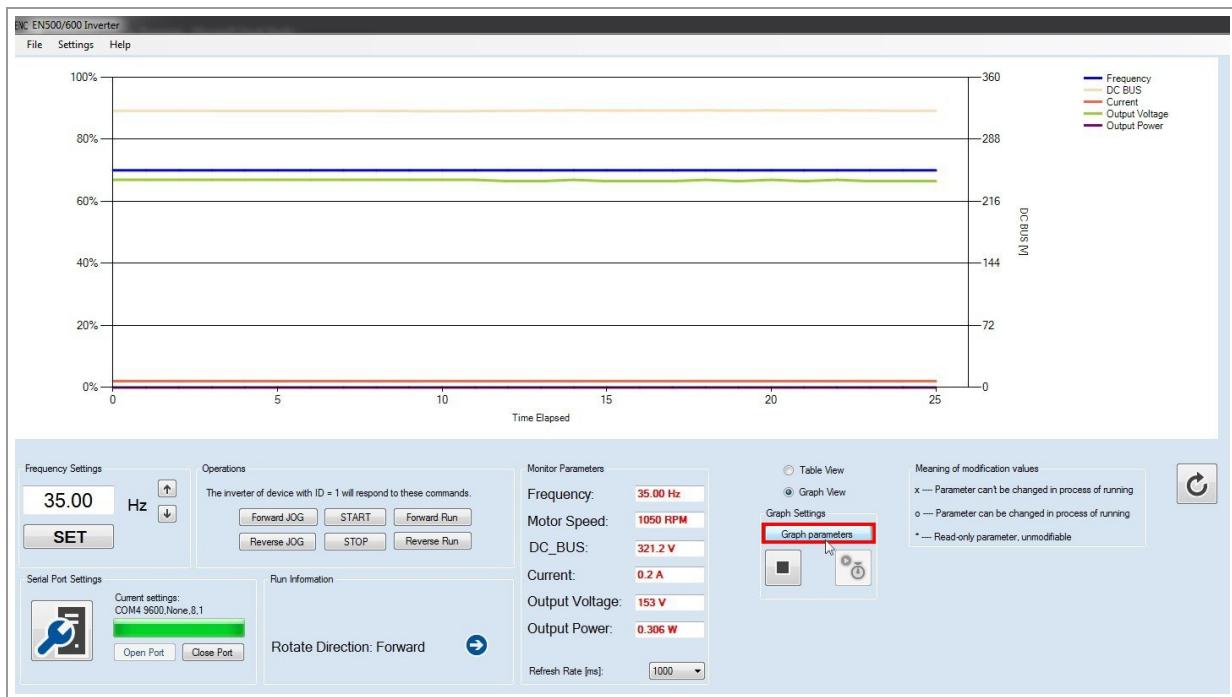
By clicking on the marked button you can pause the trending chart timer.

Start Graph Timer



By clicking on the marked button you can resume the trending chart timer.

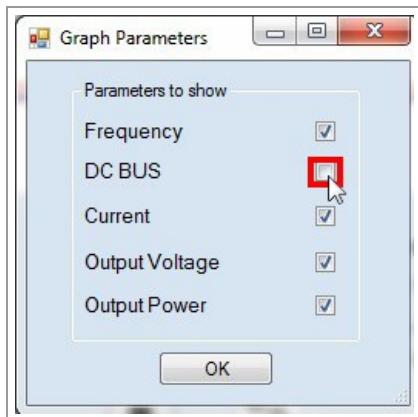
Graph Parameters



Click on "Graph parameters" button to open the menu where you can choose parameters to be shown in the graph.

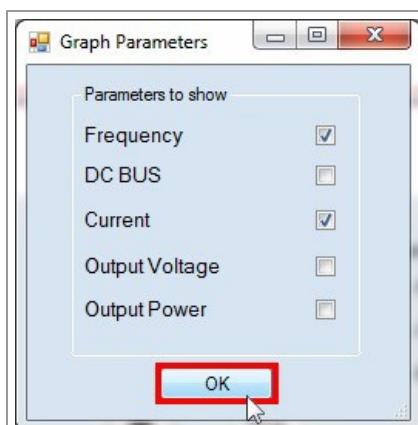
Note: data from trending chart is not logging anywhere, so after closing this menu the data tracking will be restarted and the current record will be lost.

Graph Parameters Menu



In this menu you can select parameters that you wish to be shown/not shown in the graph.

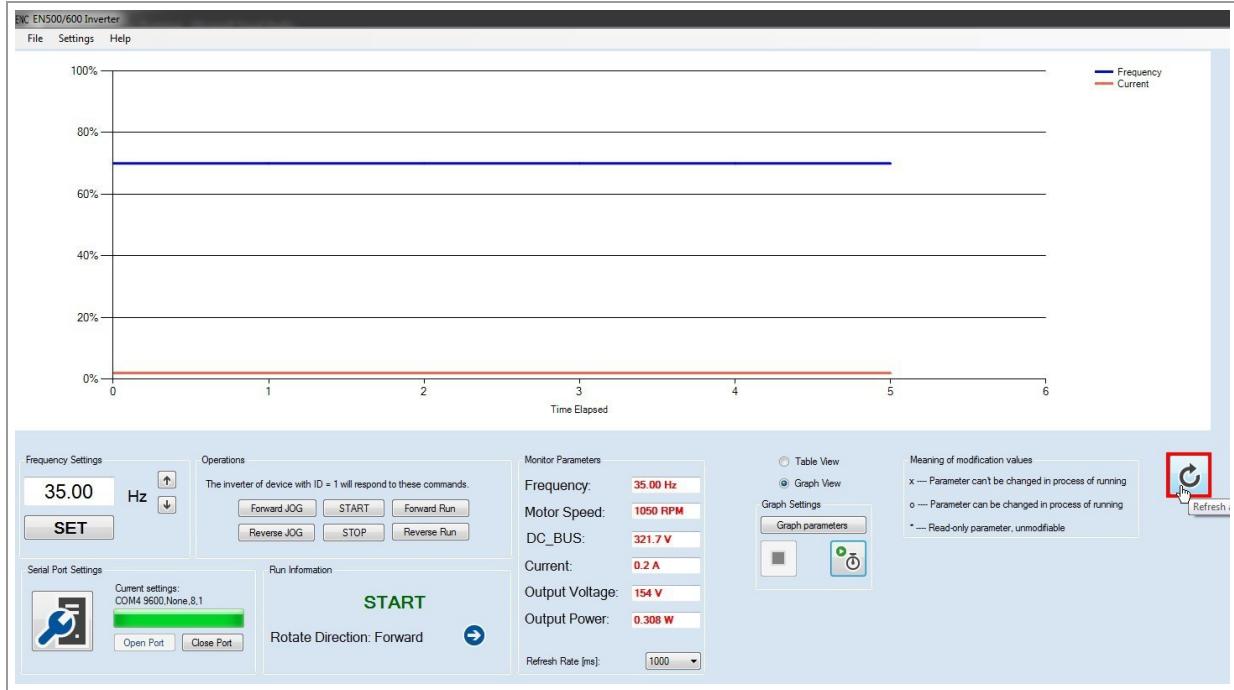
By default all 5 parameters are included into the graph view.



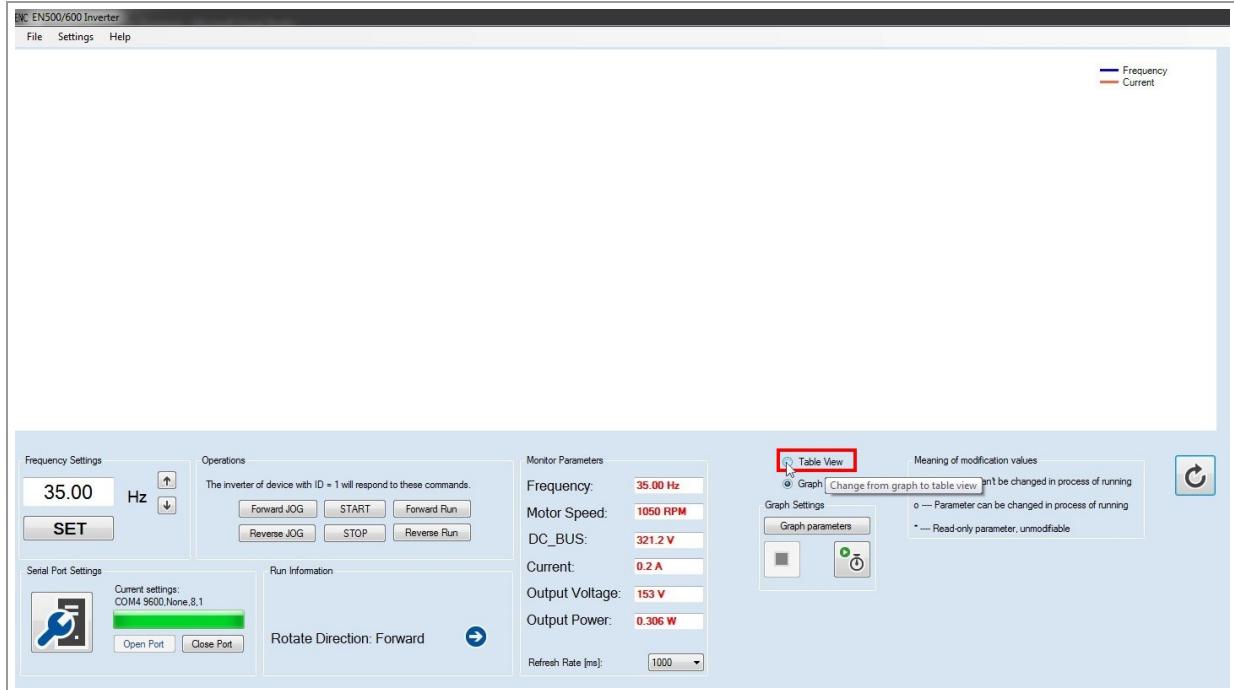
Click OK button to apply the settings and go back to the main screen.

Note: data tracking will be restarted.

Refresh Chart



Another way to refresh the tracking data in chart and begin the tracking again from 0 is by clicking the Refresh button.



You can switch to table view again by clicking the Table View radio button.

Refresh Table

The screenshot shows the EIC EN500/600 Inverter software interface. At the top, there's a menu bar with File, Settings, Help, and a System parameter groups dropdown. The dropdown is set to F01 - Main Run Functions. Below the menu is a table of parameters with columns for Function Code, Parameter Name, Set Range, Min# Unit, Factory Default, Value, and Modification. The table includes rows for various parameters like Main frequency input channel selection (F01.00), Main frequency digital setup (F01.01), and so on. On the left side, there are sections for Frequency Settings (set to 35.00 Hz) and Serial Port Settings (Current settings: COM4 9600, None, 8.1). On the right side, there's a Monitor Parameters section showing current values for Frequency (35.00 Hz), Motor Speed (1050 RPM), DC_BUS (321.3 V), Current (0.2 A), Output Voltage (153 V), and Output Power (0.306 W). There are also buttons for Table View, Graph View, and Graph Settings. A 'Meaning of modification values' box defines symbols for x, o, and *.

In table view, you can reload all the parameters from the chosen system parameter group by clicking Refresh button.

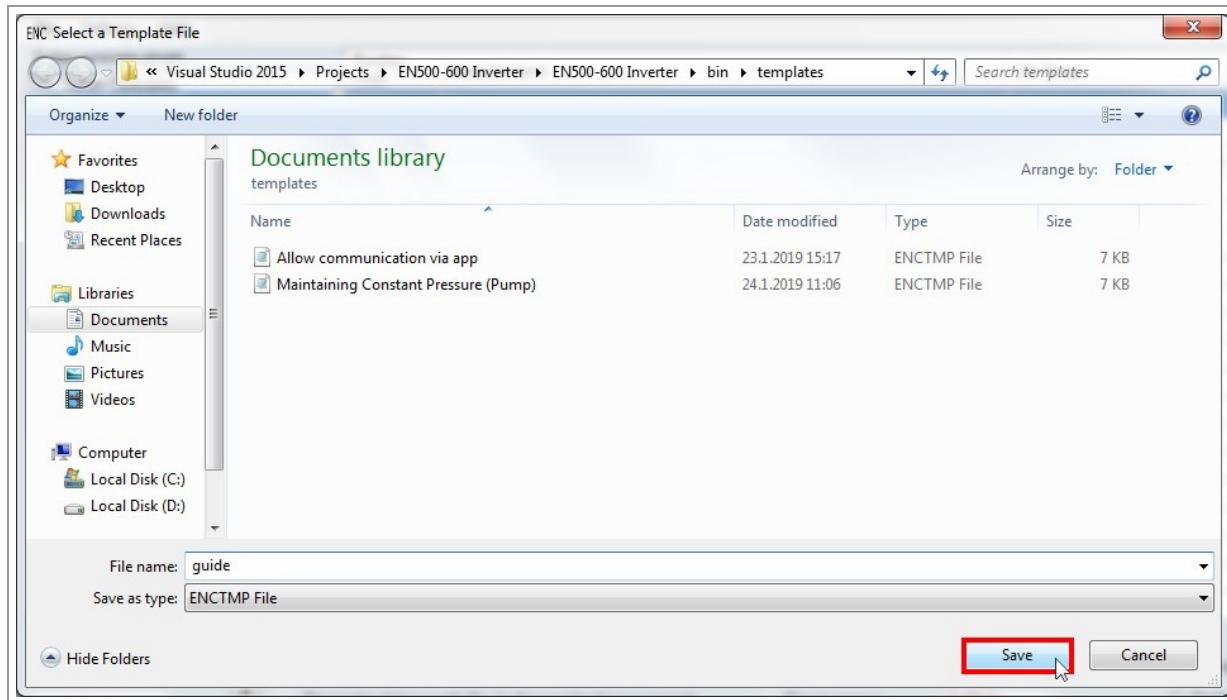
You can also do it by clicking again on the chosen system parameter group in the list box.

Save Template

This screenshot is similar to the previous one but focuses on the 'File' menu. The 'Save Template...' option is highlighted with a red box. The rest of the interface is identical to the first screenshot, showing the parameter table, frequency settings, serial port settings, and monitor parameters.

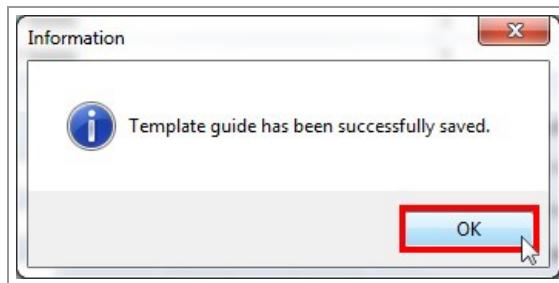
You can save all the current values of inverter parameters as a template file, that you can later reload.

By clicking on File -> Save Template... button or by pressing Ctrl+S shortcut on your keyboard, browse window should open.



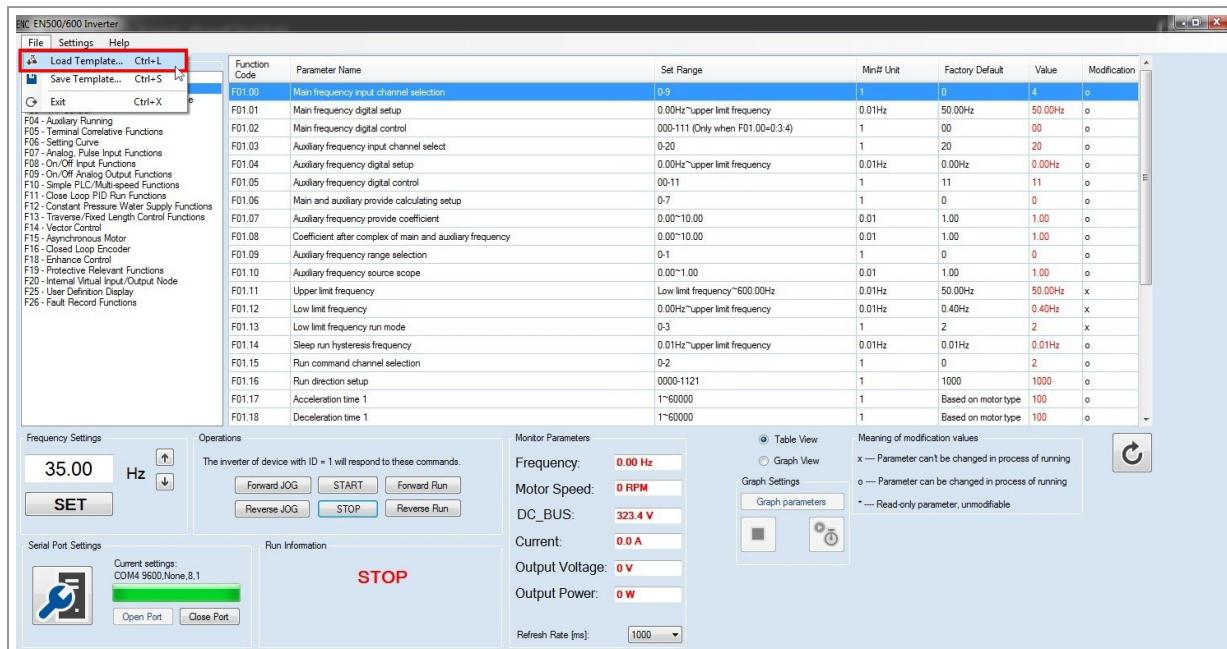
Enter the desired file name and click on Save button to generate the new template (with .enctmp file extension).

Note: because of the security of data transmission, estimated waiting time for this process is about 30 seconds due to the write timeout of the serial port.



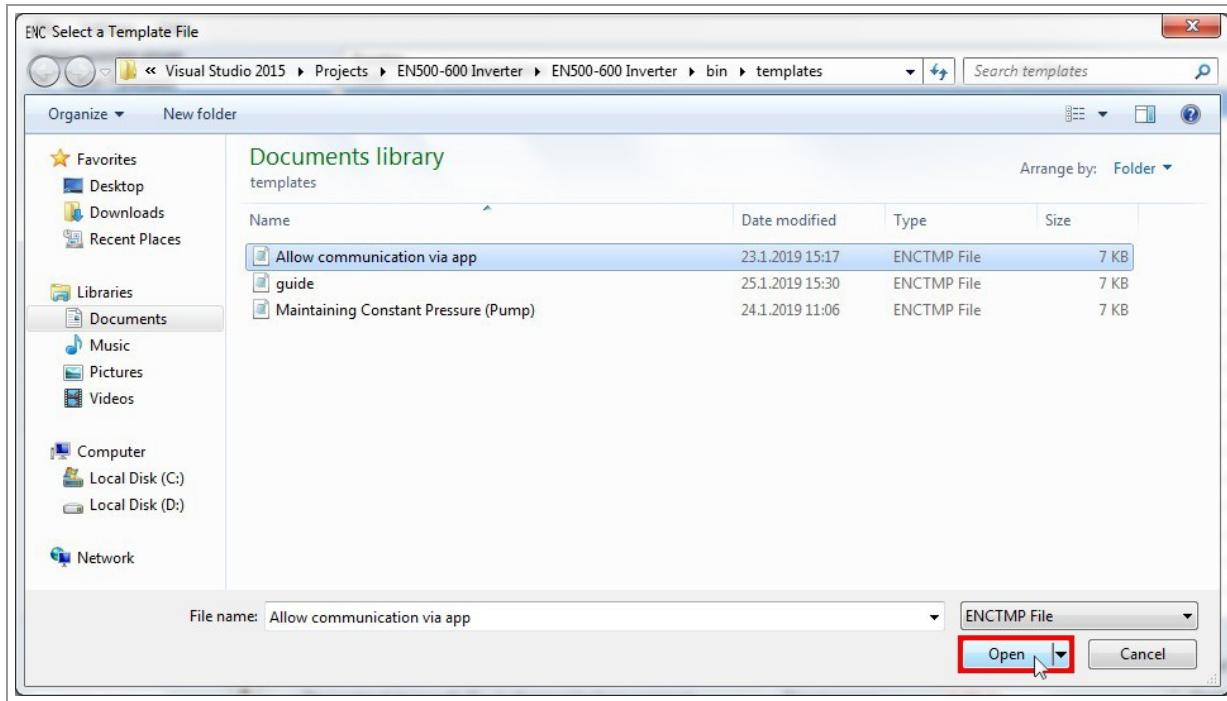
You'll be notified when the process of saving template is finished.

Load Template



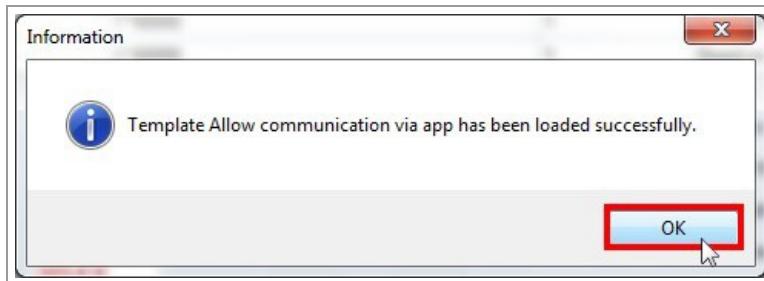
You can load the previously saved template by clicking File -> Load Template... or by pressing Ctrl+L shortcut on your keyboard.

Browse window should open.



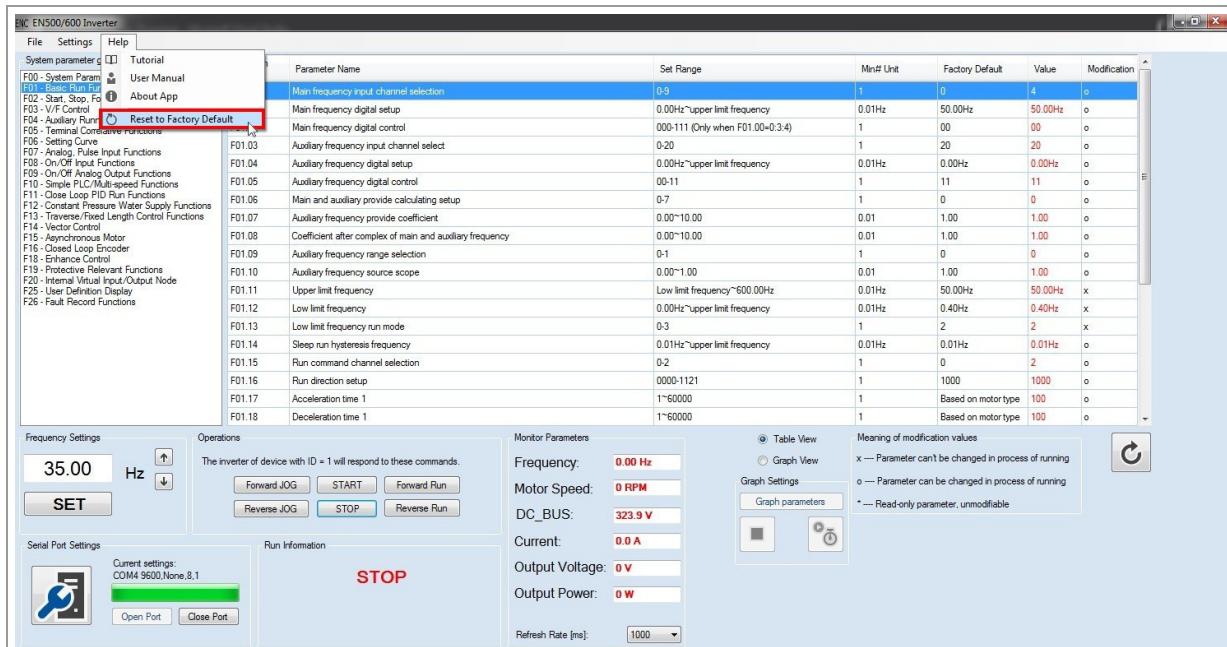
Select the certain .enctmp file and click on "Open" button to load all the parameters to the inverter.

Note: because of the security of data transmission, estimated waiting time for this process is about 30 seconds due to the read timeout of the serial port.



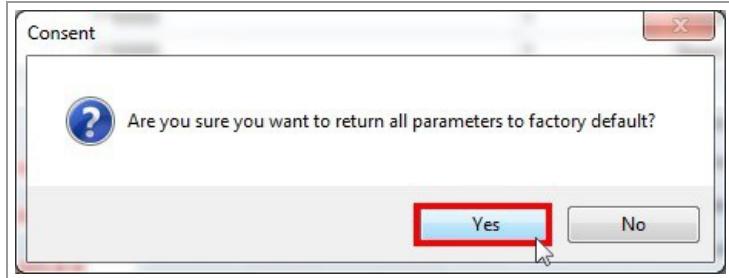
You'll be notified when the process of loading template is finished.

Reset to Factory Default

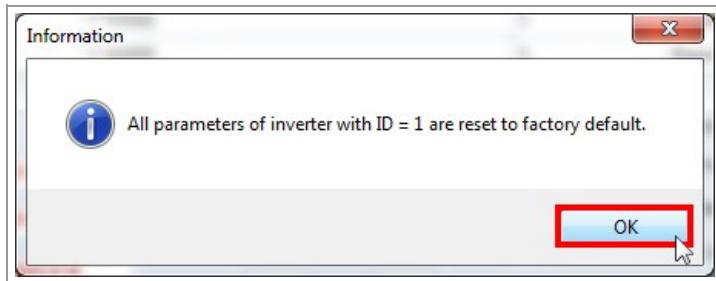


If you wish to restore all the parameters to the factory settings go to Help -> Reset to Factory Default.

This process will take few seconds.



You'll be prompted if you're sure about your choice.



You'll get the confirmation that the process of reverting all parameters to factory default is accomplished successfully.

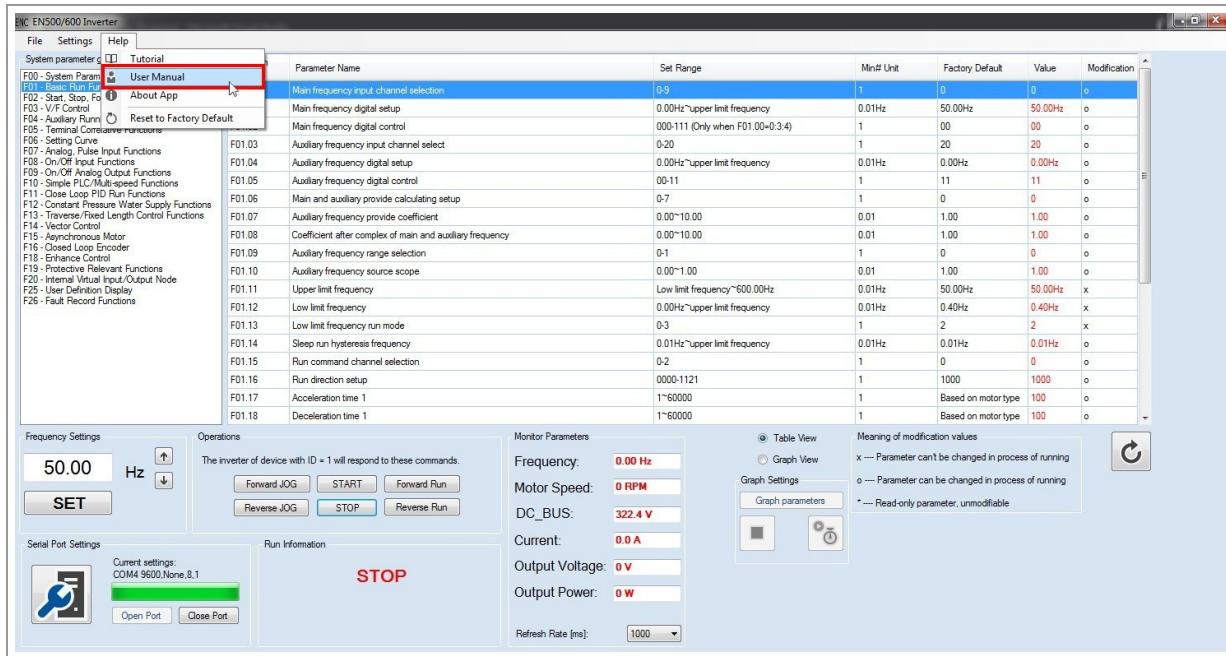
Inverter ID Settings

A screenshot of the EWE EN500/600 Inverter software interface. The menu bar includes File, Settings, Help, System, Language, and Inverter ID (highlighted with a red box). The main window shows a table of parameters with columns: Function Code, Parameter Name, Set Range, Min# Unit, Factory Default, Value, and Modification. Below the table are sections for Frequency Settings (50.00 Hz), Operations (Forward JOG, START, Reverse JOG, STOP, Forward Run, Reverse Run), Serial Port Settings (Current settings: COM4, 9600, None, 8.1, Open Port, Close Port), Monitor Parameters (Frequency: 0.00 Hz, Motor Speed: 0 RPM, DC_BUS: 323.5 V, Current: 0.0 A, Output Voltage: 0 V, Output Power: 0 W), and Graph Settings. A status bar at the bottom indicates Refresh Rate [ms]: 1000.

This setting should allow user to switch between different inverters connected to this PC.

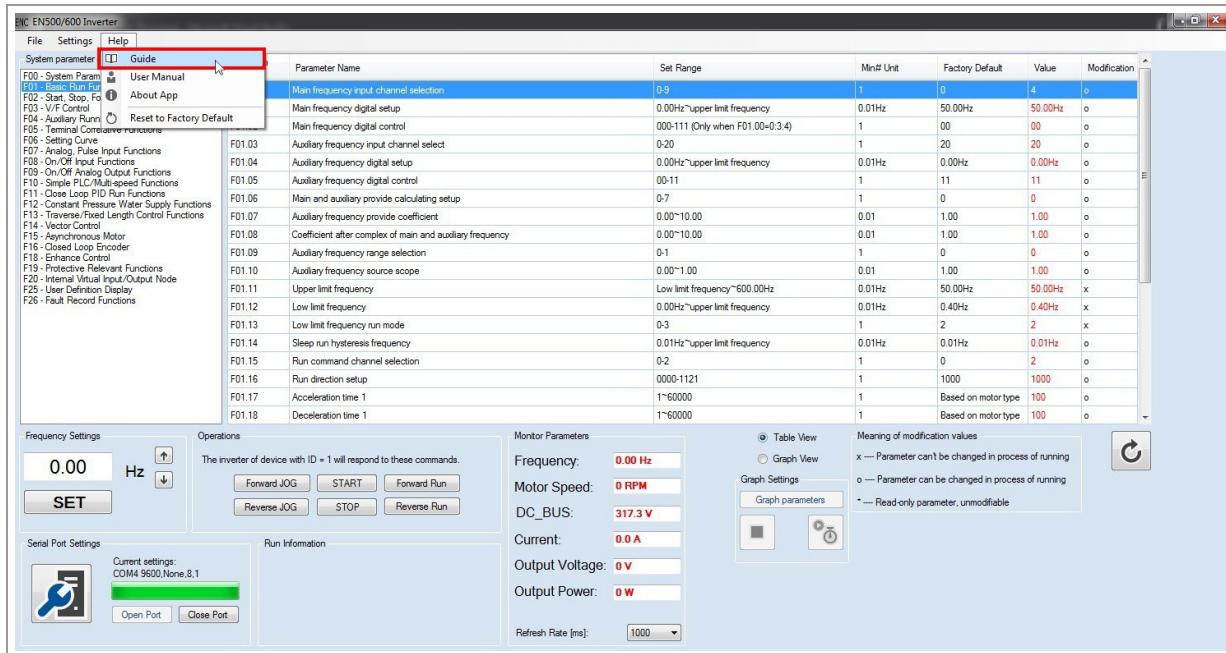
Note: this feature is not supported in version 1.0

User Manual



Click on "User Manual" button to open PDF documentation for EN500/600 inverter.

Guide



To open this guide go to Help -> Guide in menu bar.

Support

Contact



Contact: igor@sah.rs

Website: www.sah.co.rs

For all questions, suggestions and advices write to igor@sah.rs or visit the official company website www.sah.co.rs

This is the first version of software and it's not fully tested so it may have some malfunctions or bugs.

If you notice some of them, feel free to leave the feedback so we can fix it in later releases.

Sincerely,

Igor Filipovic (SAH Electronics Belgrade)