

M70A_M125HV Commissioning

New design for more flexibility

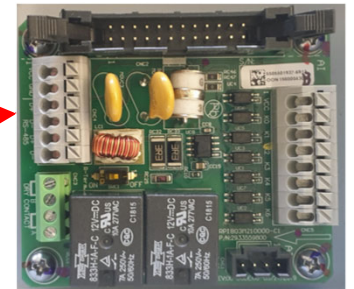
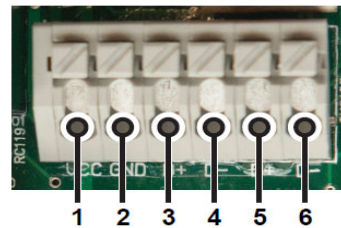
V1.5 Tool V1.0



All inverters of the system are connected via RS485

- All inverters are with **AC or DC voltage**
- Connect data line to the computer via RS485 adapter
- Ideally, the commissioning software is already up your PC installed.

1. Connect the RS485 data line of the inverter to adapter



WR RS 485 connection 3 or 5 to RS 485 adapter connection A/D +
WR RS485 Connection 4 or 6 to RS 485 Adapter connection B/D-

2. Connect USB / RS485 adapter to computer and detect occupied COM port.

Windows 10



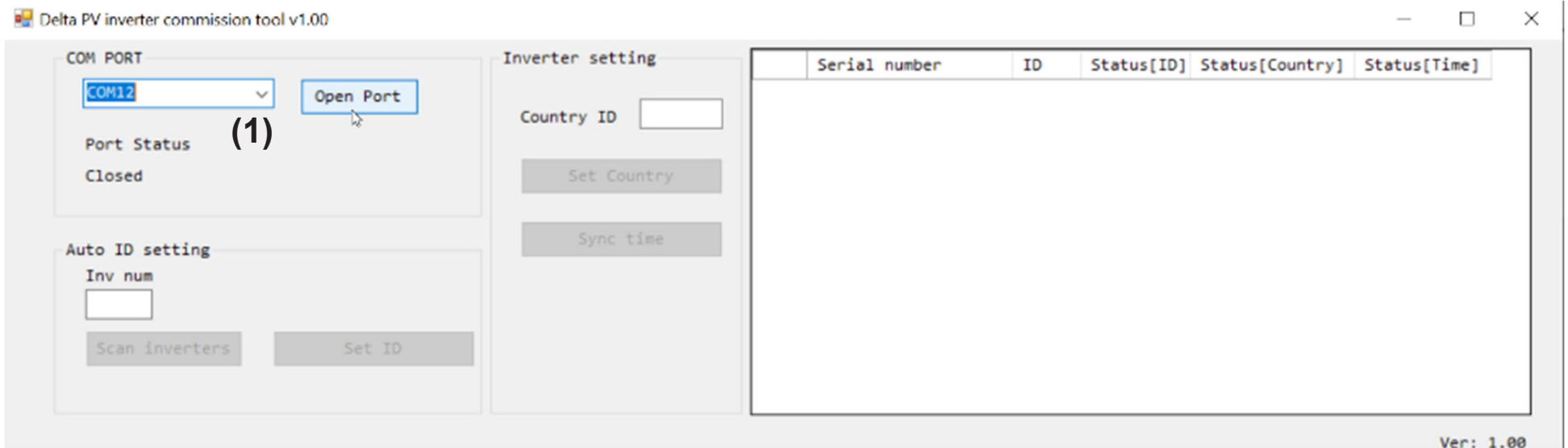
Bluetooth & other devices

B-SERIAL CH340 (COM8)

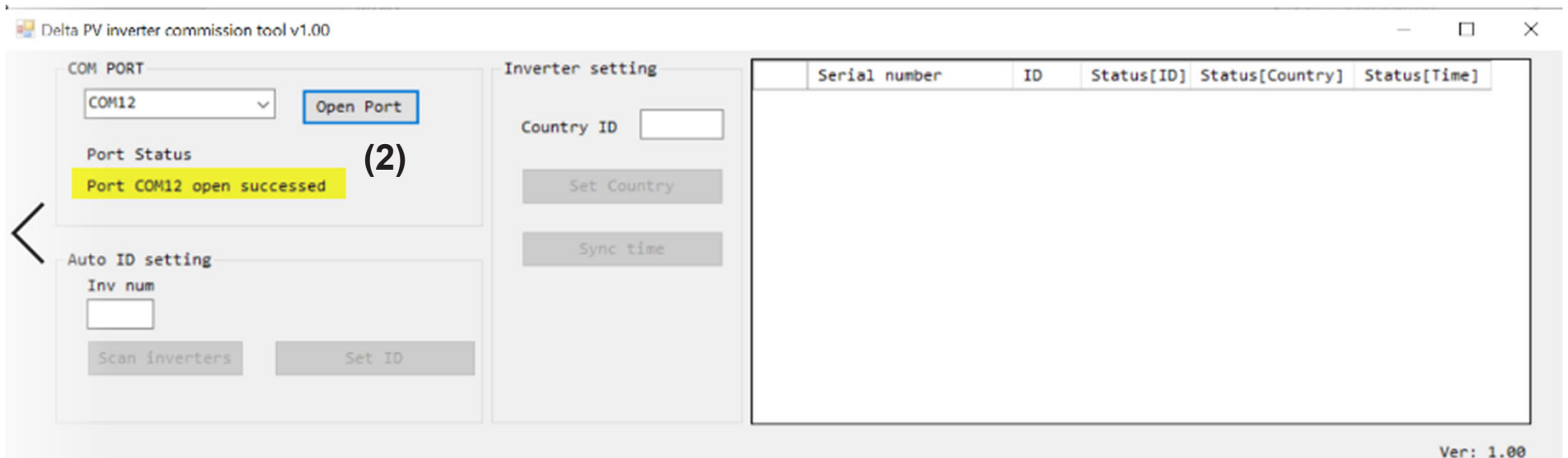


Commissioning

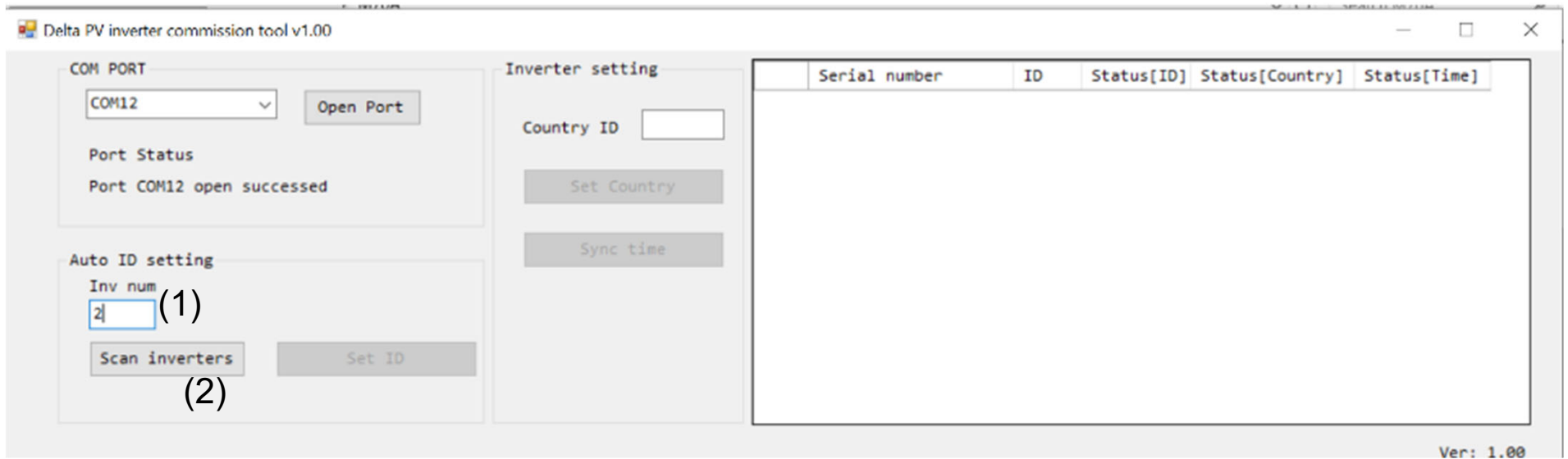
Start the commissioning software.



Select COM port (1)



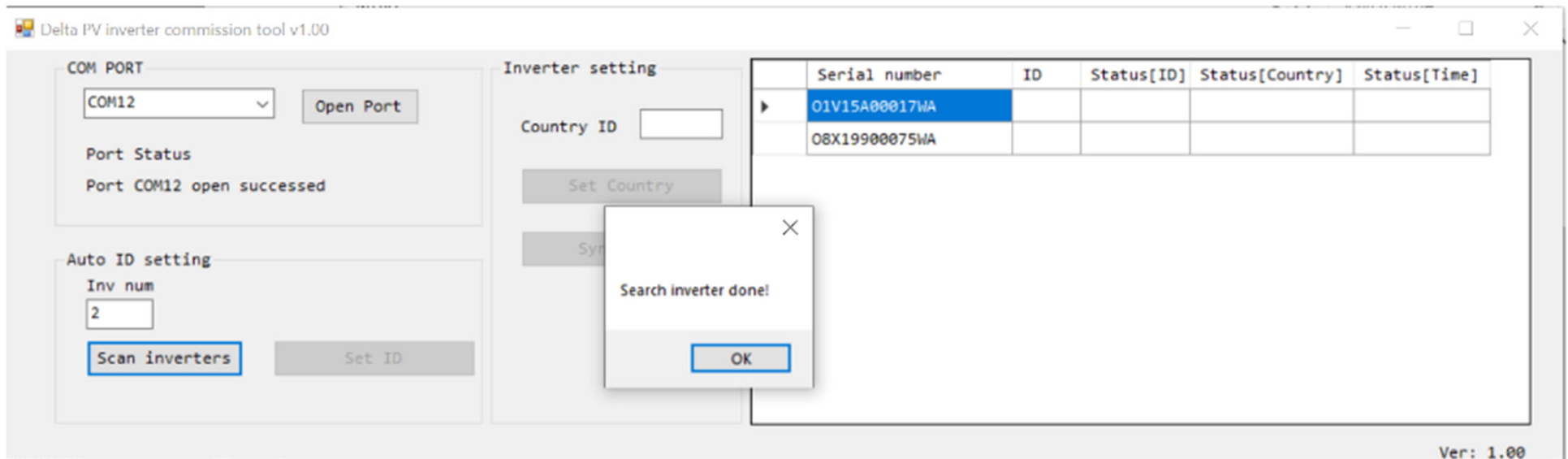
Click the OpenPort button (2).



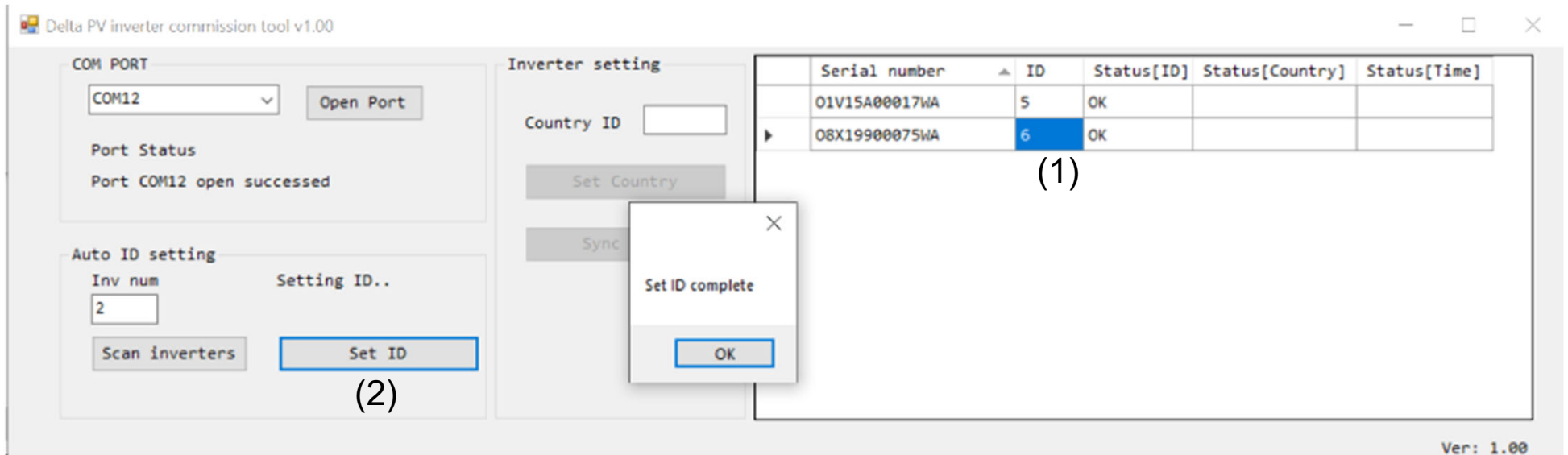
The screenshot shows the 'Delta PV inverter commission tool v1.00' window. It features three main sections: 'COM PORT', 'Auto ID setting', and 'Inverter setting'. The 'COM PORT' section has a dropdown menu set to 'COM12' and an 'Open Port' button, with a status message 'Port COM12 open succeeded'. The 'Auto ID setting' section has an 'Inv num' input field containing the number '2', a 'Scan inverters' button, and a 'Set ID' button. The 'Inverter setting' section has a 'Country ID' input field, a 'Set Country' button, and a 'Sync time' button. On the right, there is a table with the following headers: 'Serial number', 'ID', 'Status[ID]', 'Status[Country]', and 'Status[Time]'. The table is currently empty. The version 'Ver: 1.00' is displayed in the bottom right corner.

Serial number	ID	Status[ID]	Status[Country]	Status[Time]
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Enter the number of inverters connected via RS485 Bus (1)
and click the “Scan Inverters” button (2).

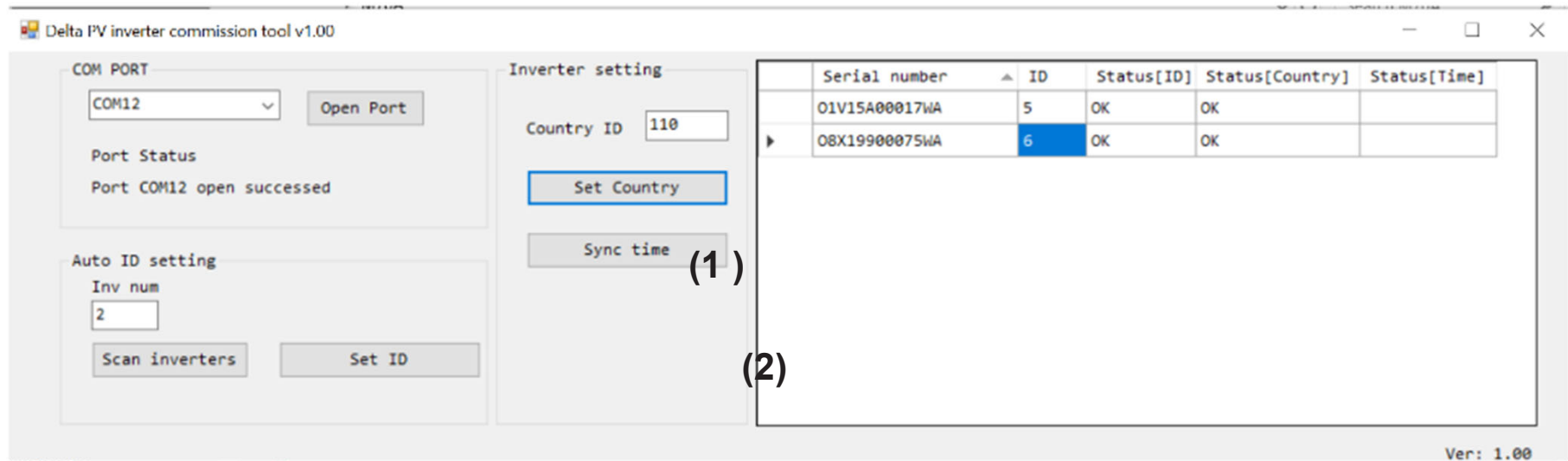


A list of found inverters is displayed.



To change an inverter ID, click in the corresponding ID text box (1) and enter the new inverter ID.

To save the new inverter IDs, click the Set ID button (2).



Enter your country number in the “Country ID” text box (1) and click the “Set Country” button (2).

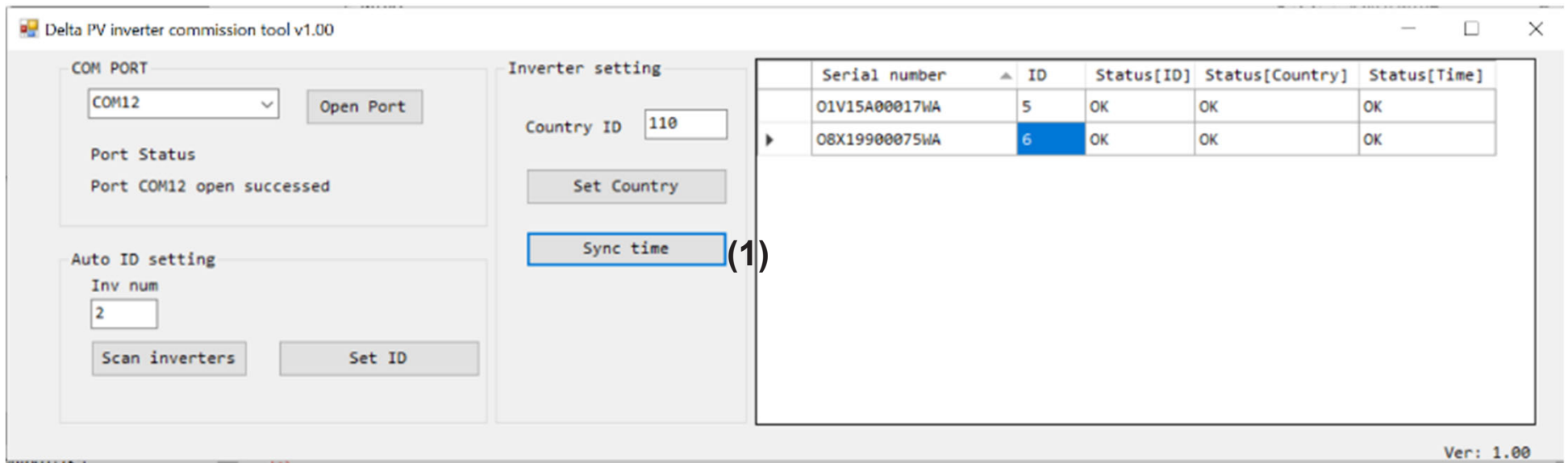
M125HV:

Country ID M125HV	ID
FR_MV_ERDF	118
FR_LV_UTE	121
DE_MV_4110	126
EU_MV_50549(after COMM V1.15)	130

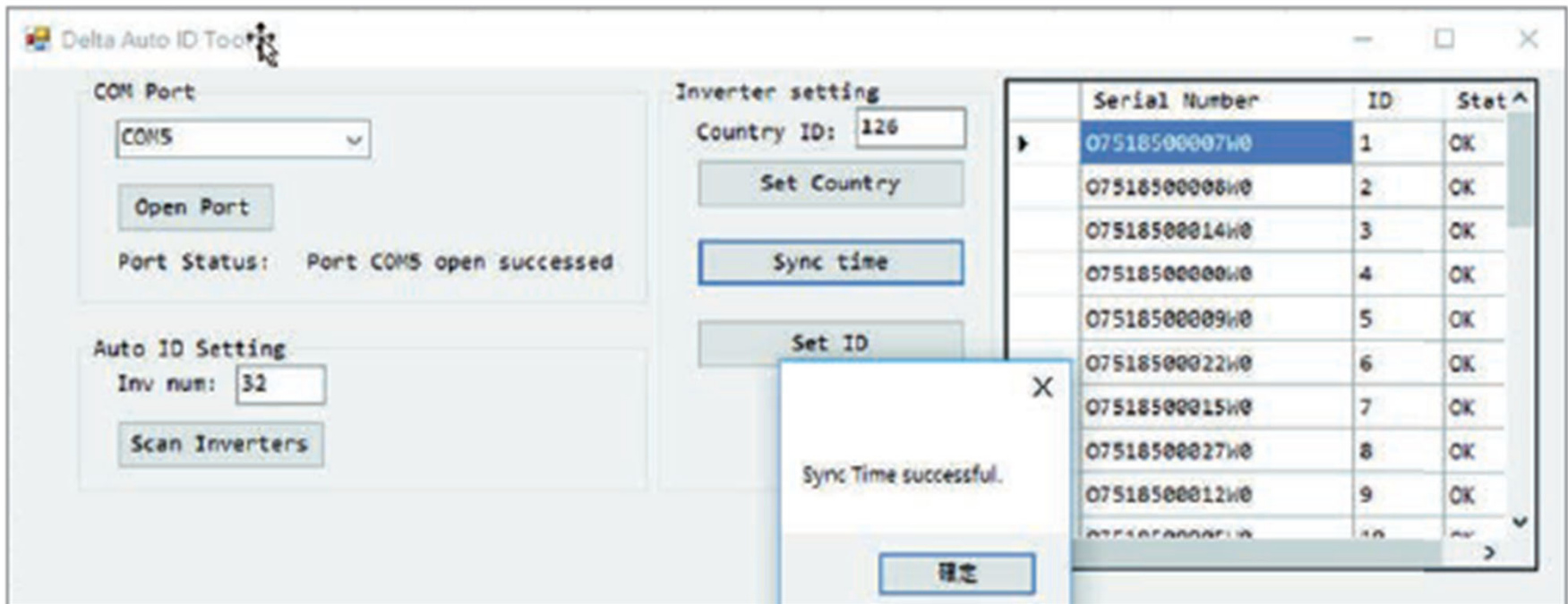
M70A

Country ID M70A	ID
DE_LV_4105_18	110
DE_MV_4110	111

The network settings can be changed with the DSS software V5.0 (see DSS Software manual)



To set the date and time for all inverters, click the button Sync time (1).
This completes commissioning. Disconnect the inverters from the mains and restart



☒ Die Inbetriebnahme ist abgeschlossen.

If the date and time have been set correctly, the message appears "Sync Time successful".

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Deutschland

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