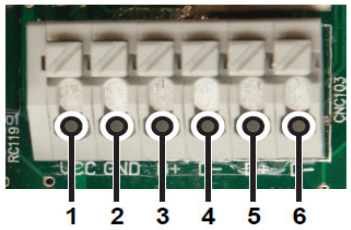
# Delta Service Software DSS

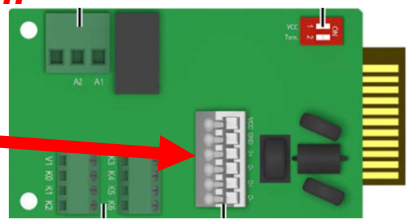
## New design for more flexibility

V6.0

# Firmware Update Preparation
## *Vorbereitung*

1. Connect the RS485 data line of the inverter to adapter.
   **Please separate the existing monitoring system.**
   *RS485 Datenleitung der Wechselrichter mit dem Adapter verbinden.*
   ***Das bestehende Monitoring System bitte trennen.***



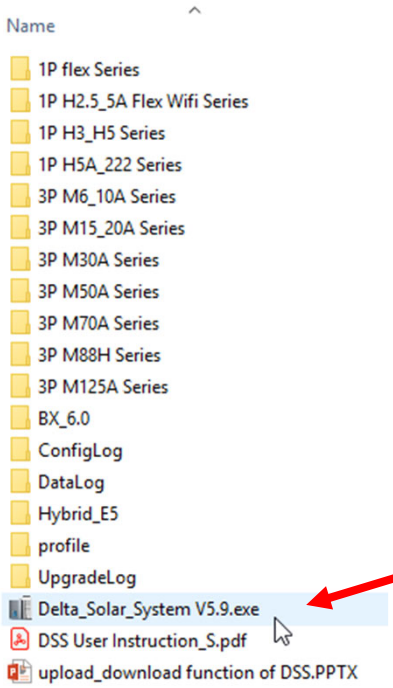




WR RS 485 connection 3 or 5 to RS 485 adapter connection A/D +
WR RS485 Connection 4 or 6 to RS 485 Adapter connection B/D-

2. Connect USB / RS485 adapter to computer and detect occupied COM port.
   *USB/RS485 Adapter mit dem Computer verbinden und belegten COM Port ermitteln*

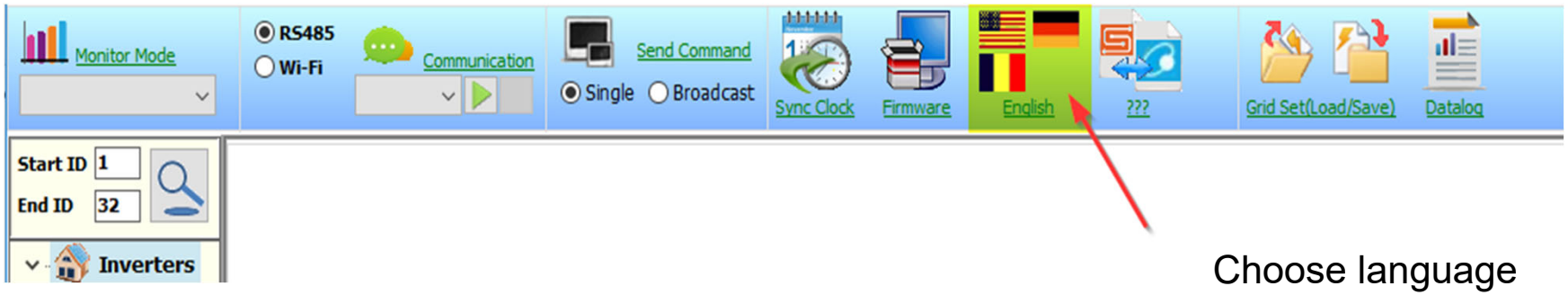
Windows 10

# Start DSS-Software




.exe double click

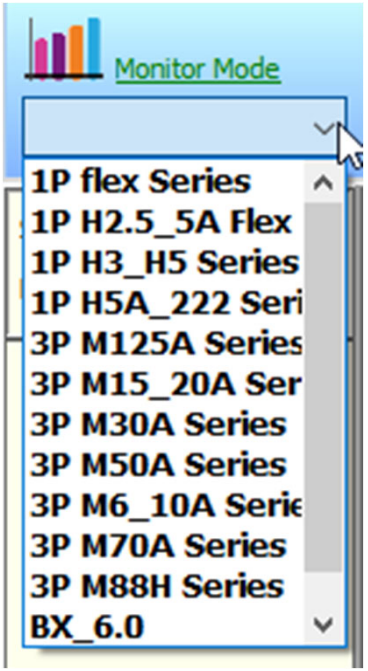
*.exe doppelklicken*

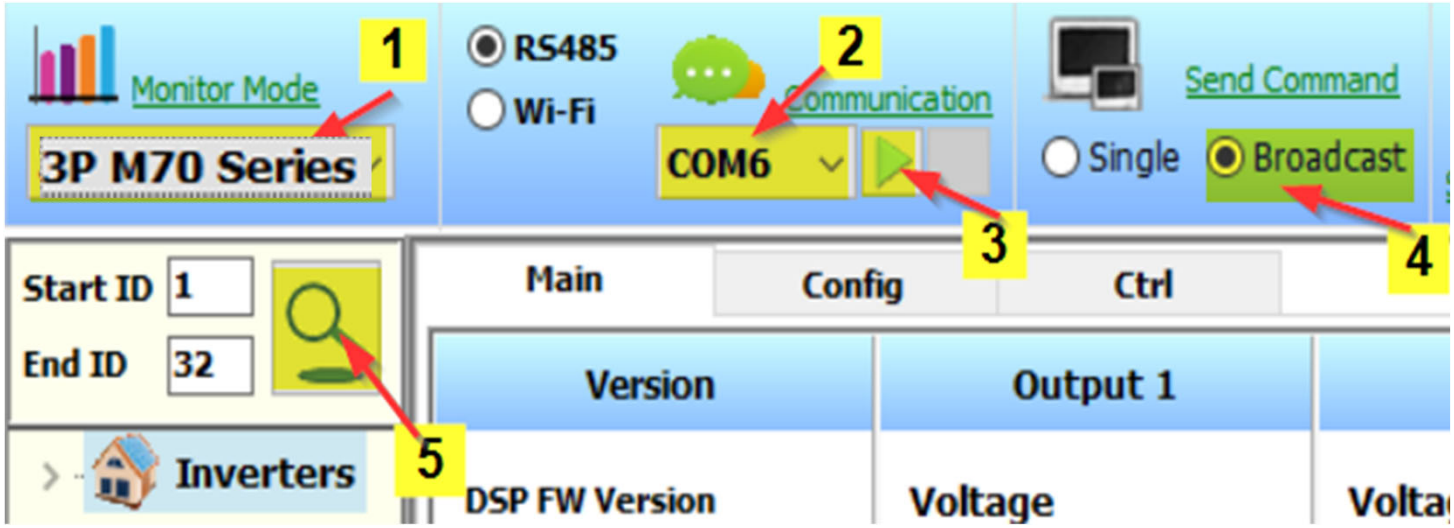



Choose language

*Sprache auswählen*

# DSS-Software



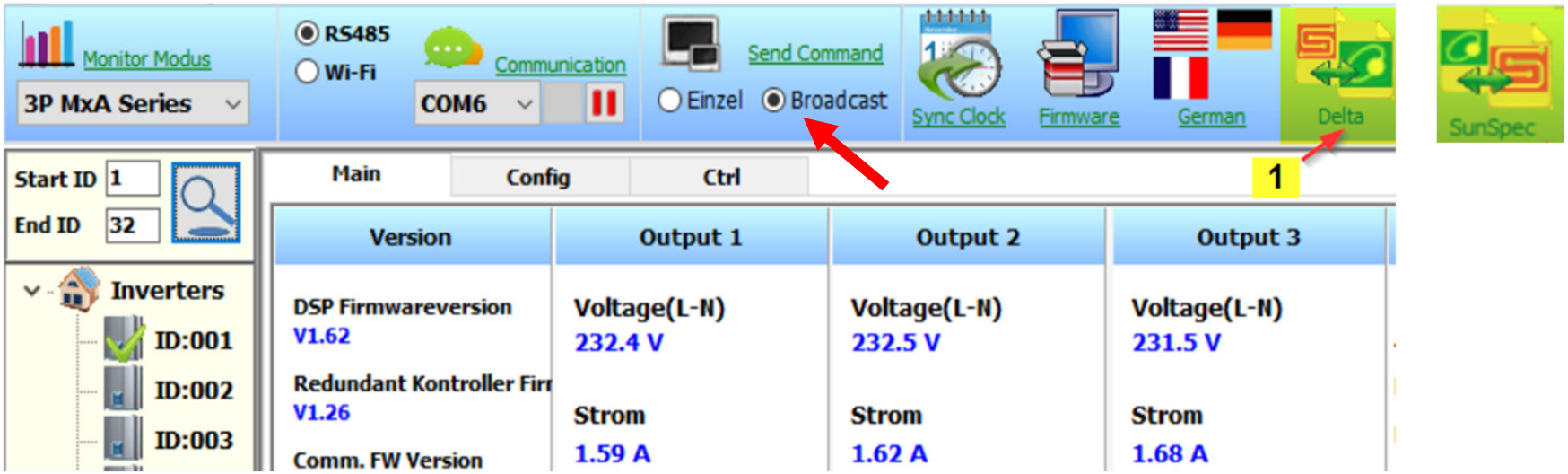

**Please follow steps 1 to 5**

1 Select inverter type *Wechselrichtertyp auswählen*

2 Select the occupied COM port of the RS485 / USB adapter
*Belegter COM Port des RS485/USB Adapter auswählen*

3, 4 and 5· Activate button! After the search, all Inverter are displayed
*Nach dem Suchlauf werden alle WR angezeigt*

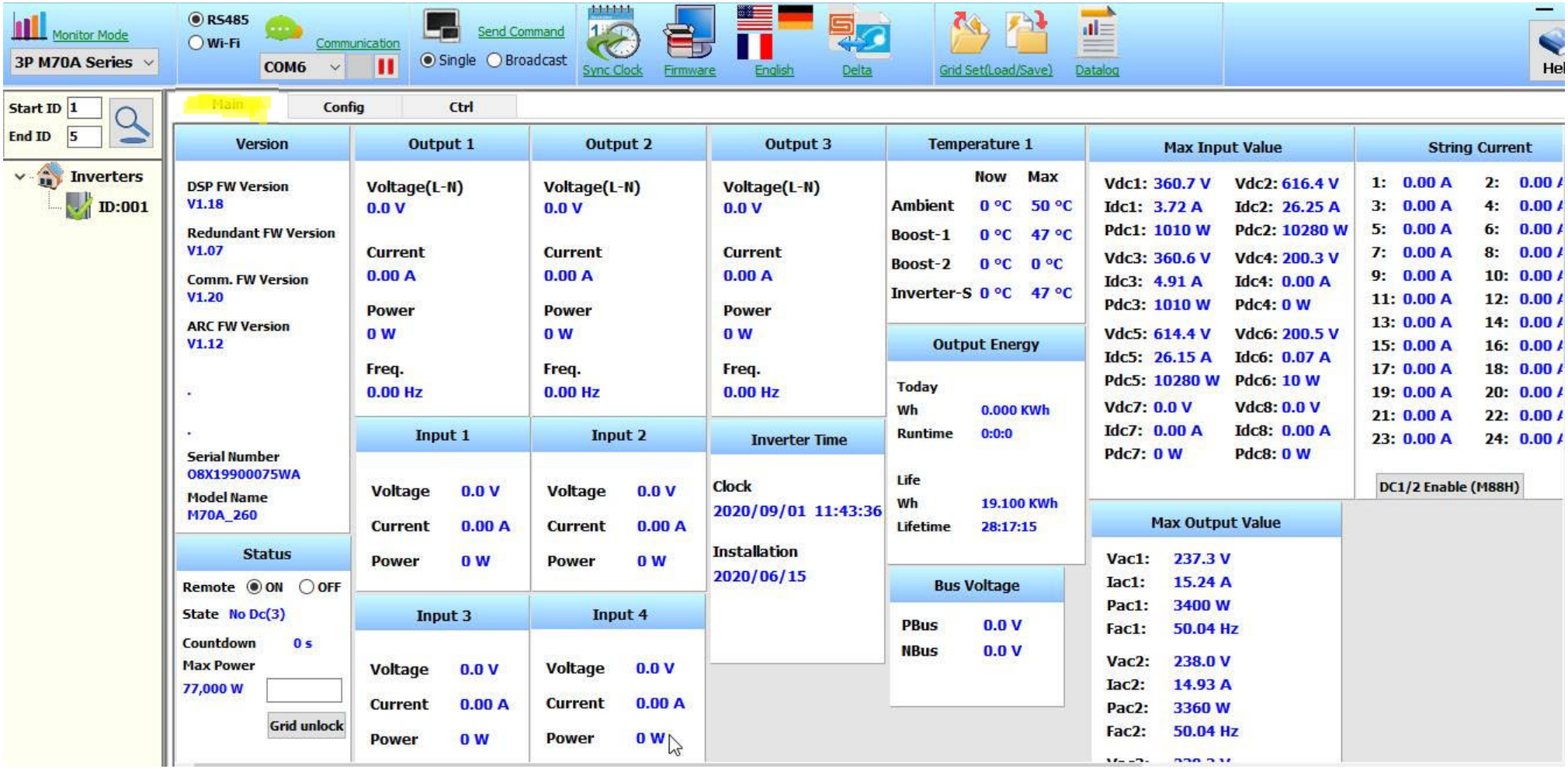
# DSS-Software



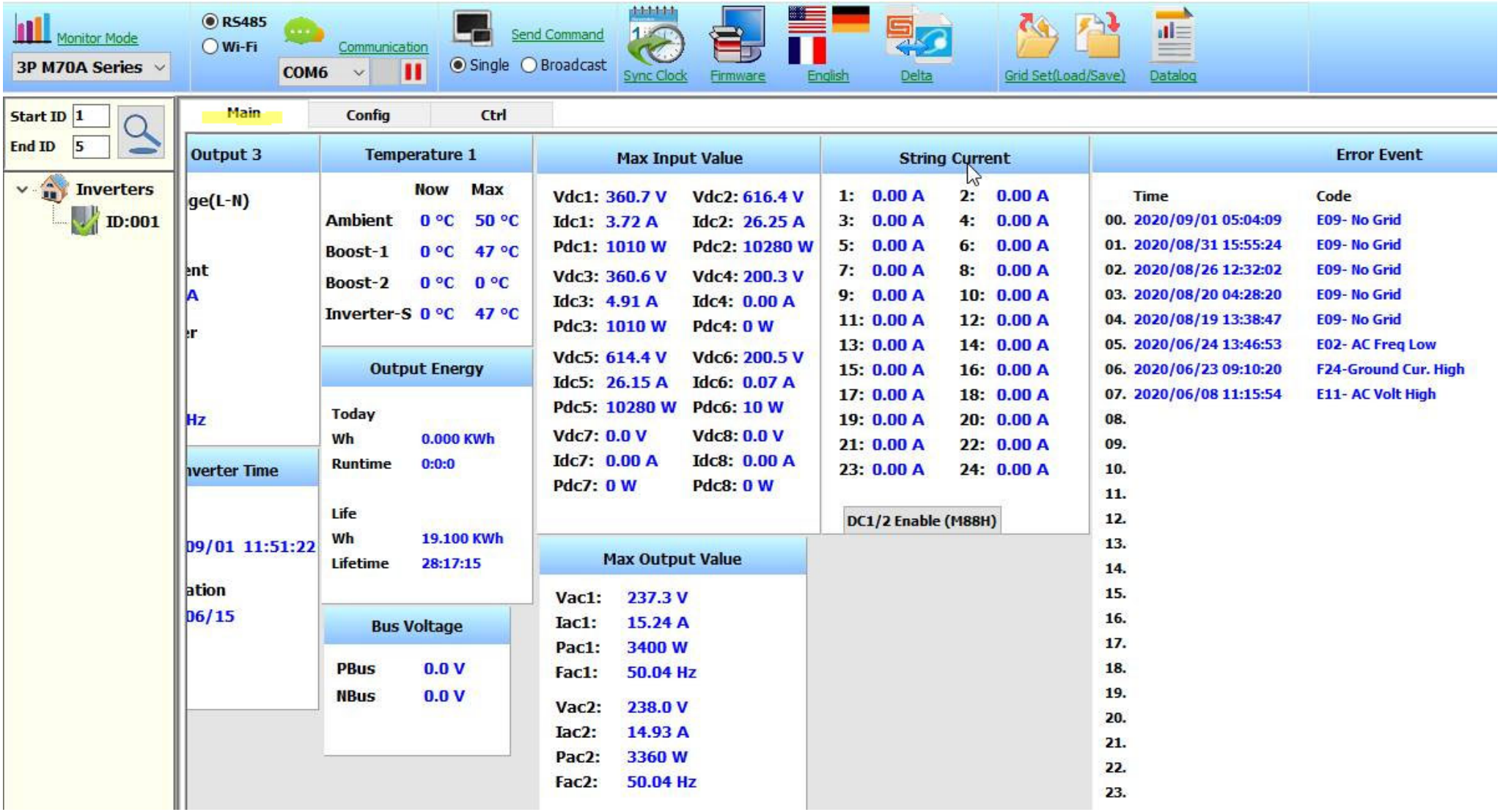

1. To use the service software, the Delta Protocol must be selected.
   Please set the protocol used for the monitoring here after the update.
   *Für die Verwendung der Service Software muss das Delta Protokoll ausgewählt werden.*
   *Bitte nach dem Update das ursprüngliche für das Anlagen Monitoring verwendete Protokoll hier einstellen.*

When "Broadcast" is selected, all inverters (IDs) execute the commands in parallel.
*Wenn „Broadcast“ ausgewählt wird, führen alle Wechselrichter (ID‘s) die Befehle parallel aus*

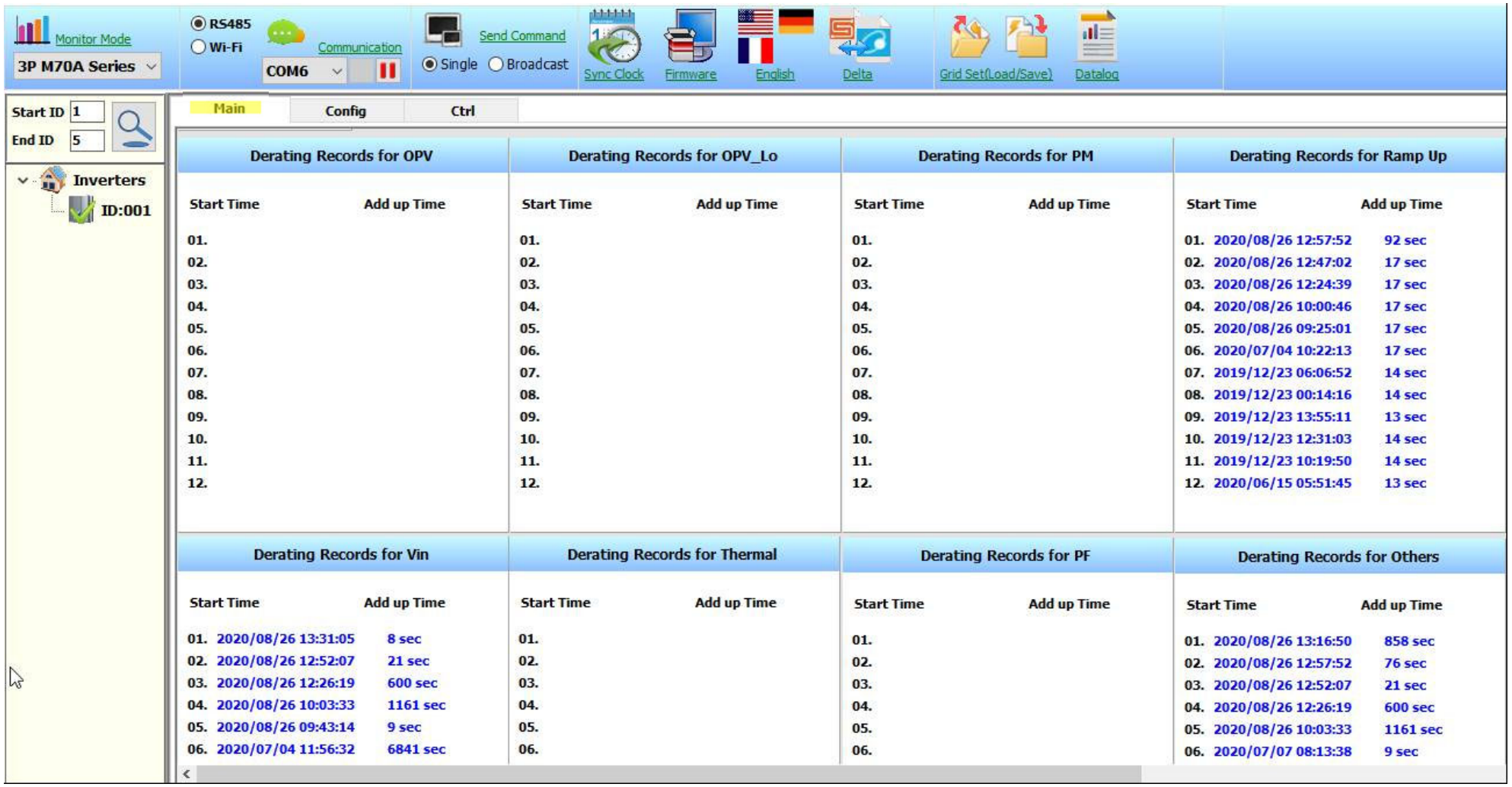
# DSS-Software „Main“



# DSS-Software „Main“



# DSS-Software „Main“



# DSS-Software „Config“

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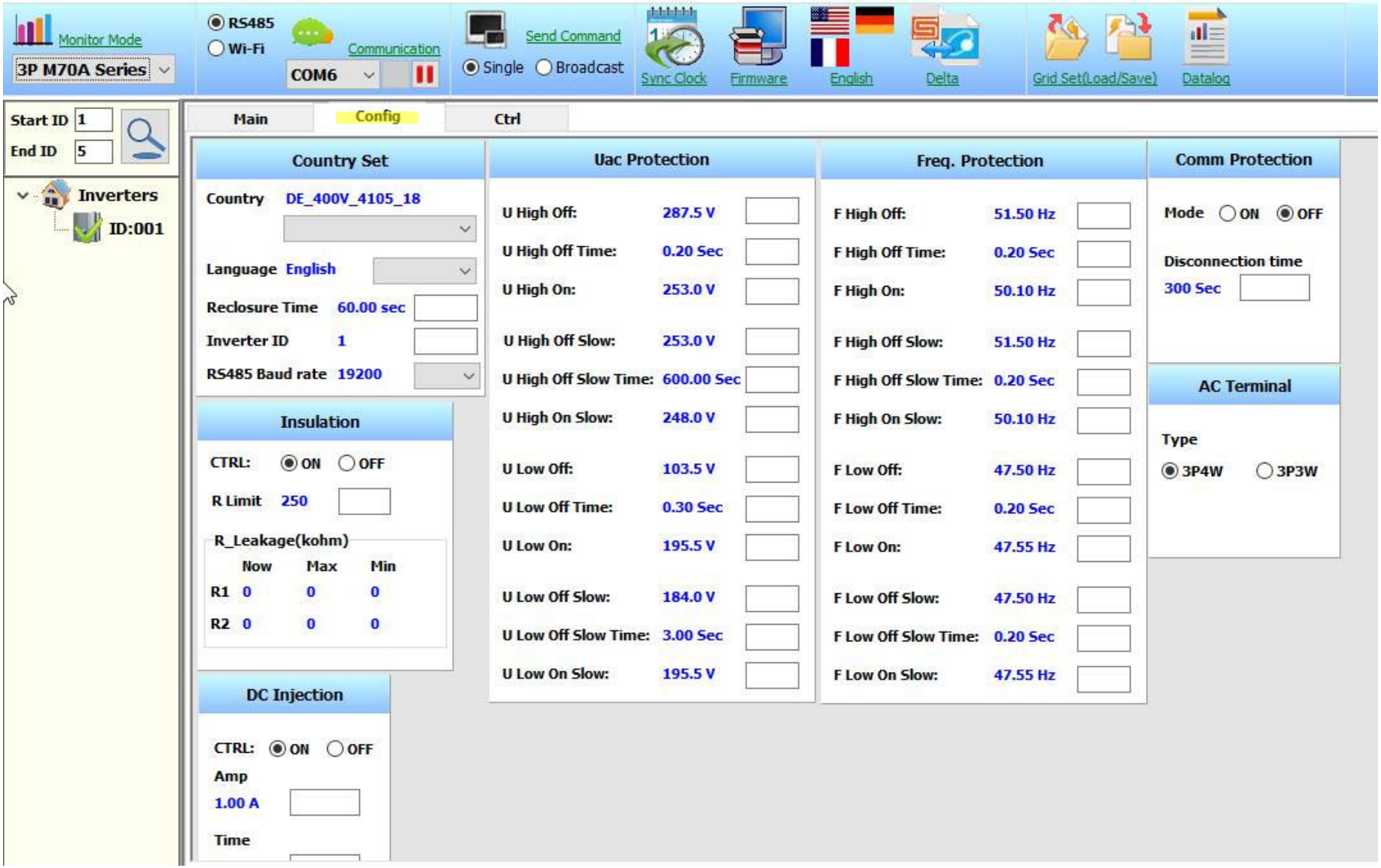
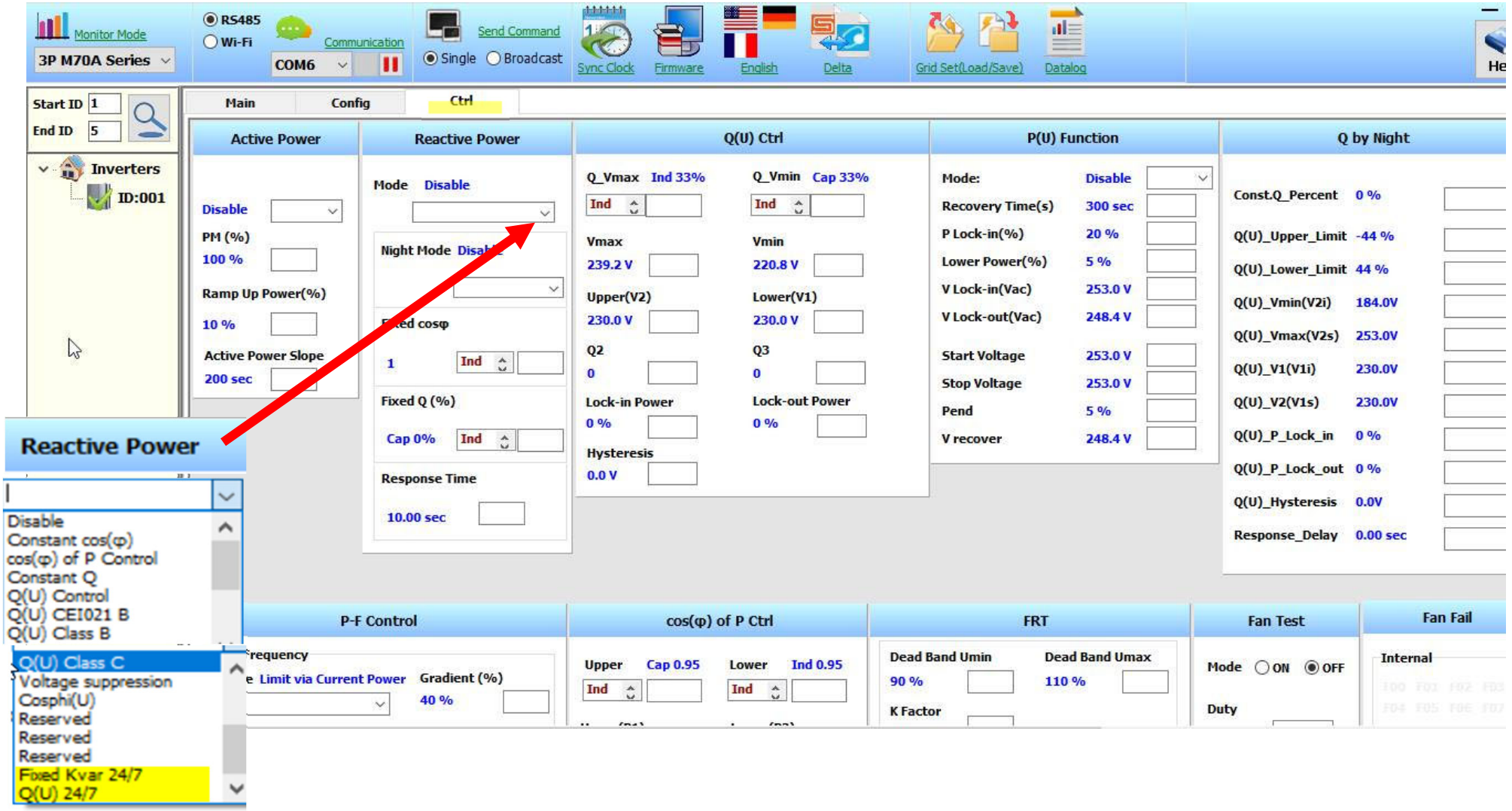
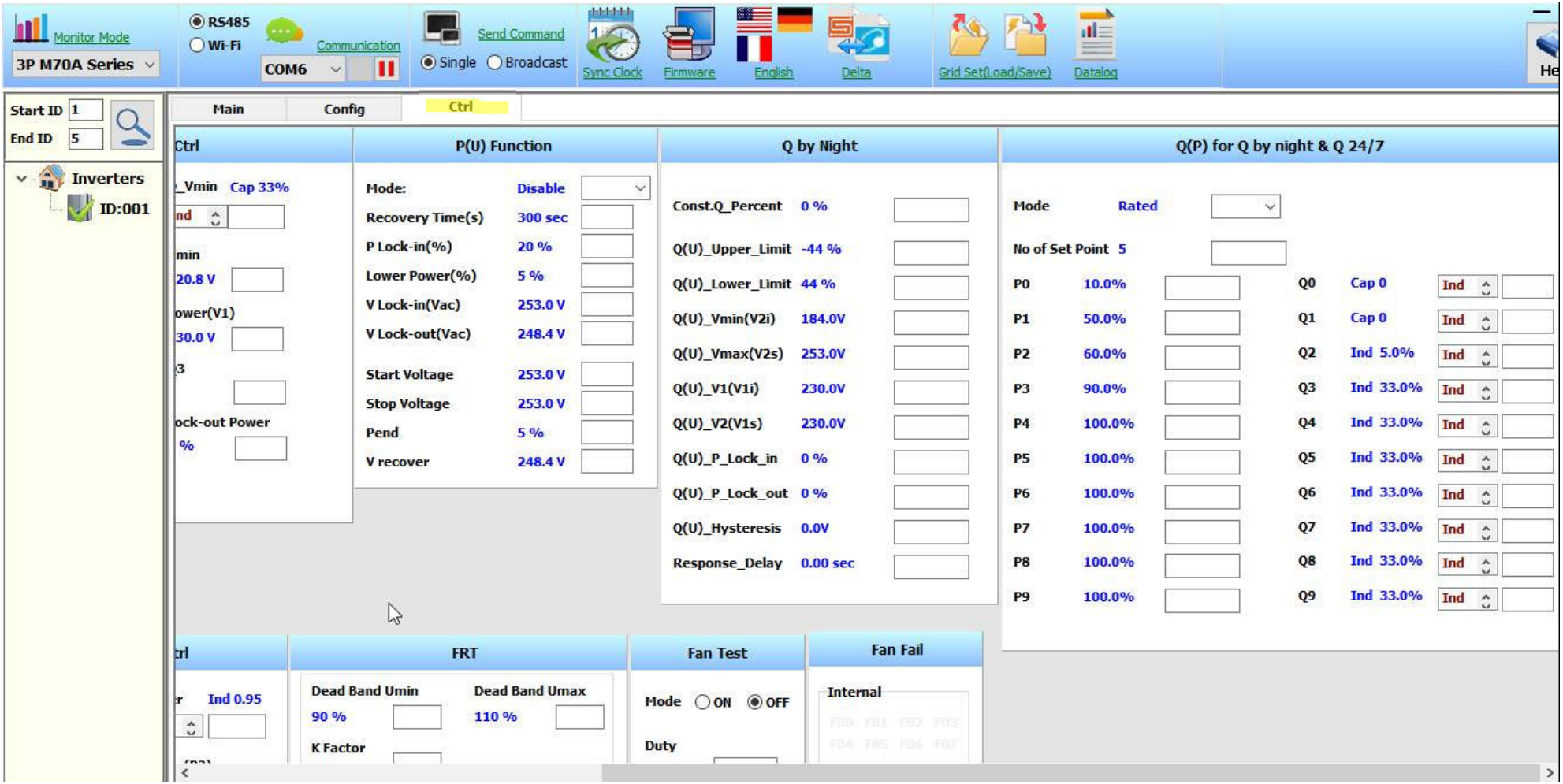


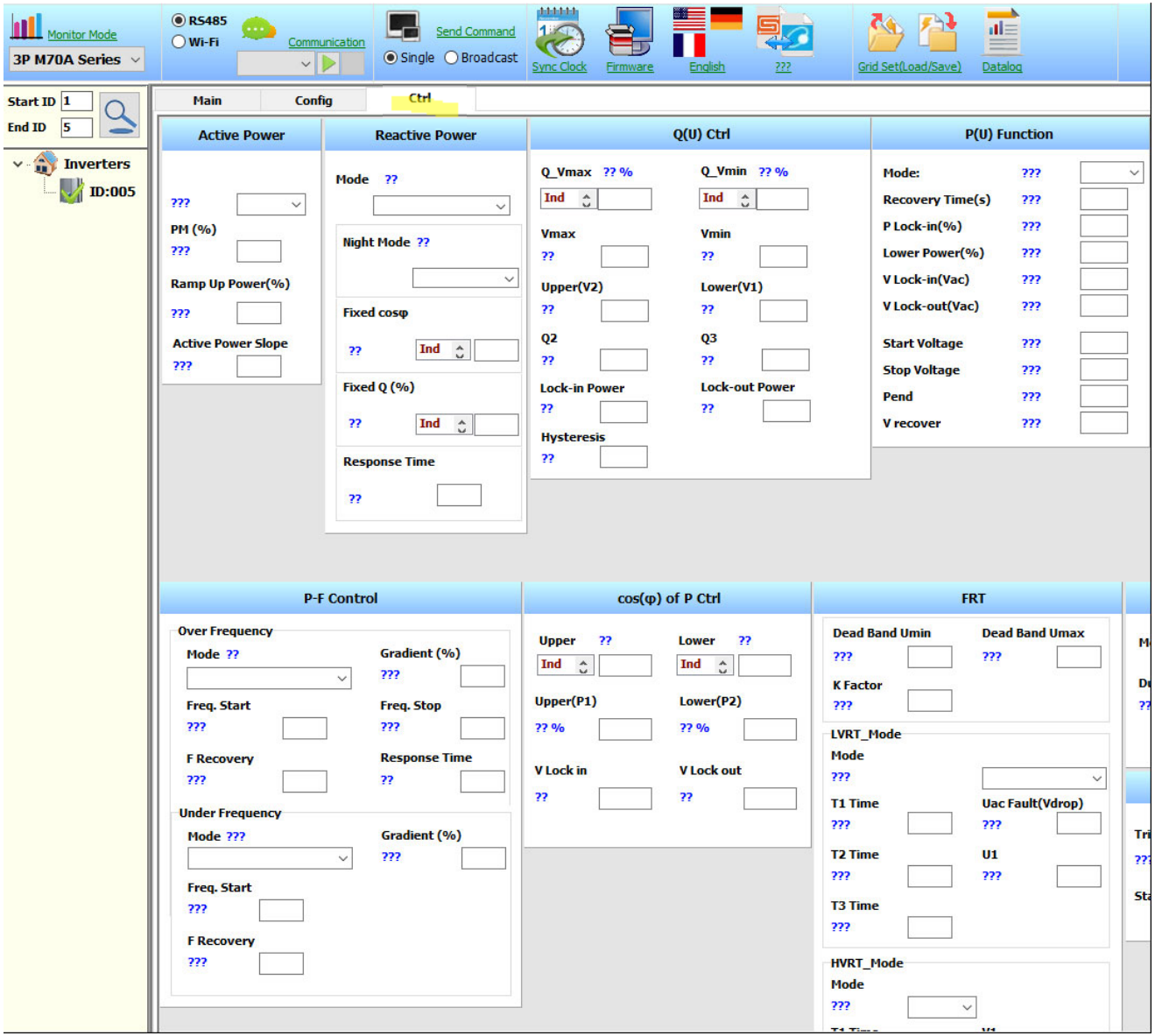
# DSS-Software „Ctrl“



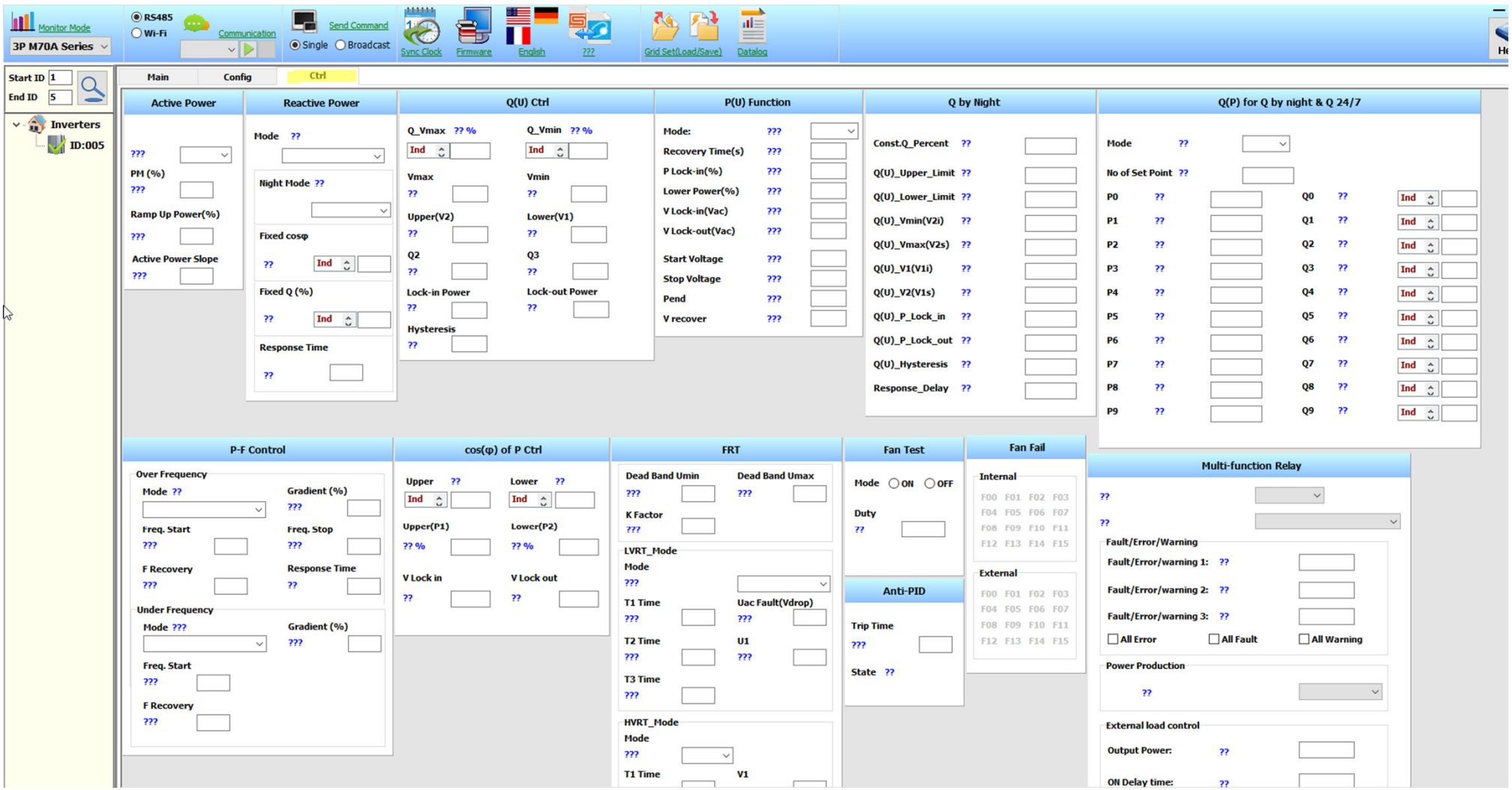
# DSS-Software „Ctrl“



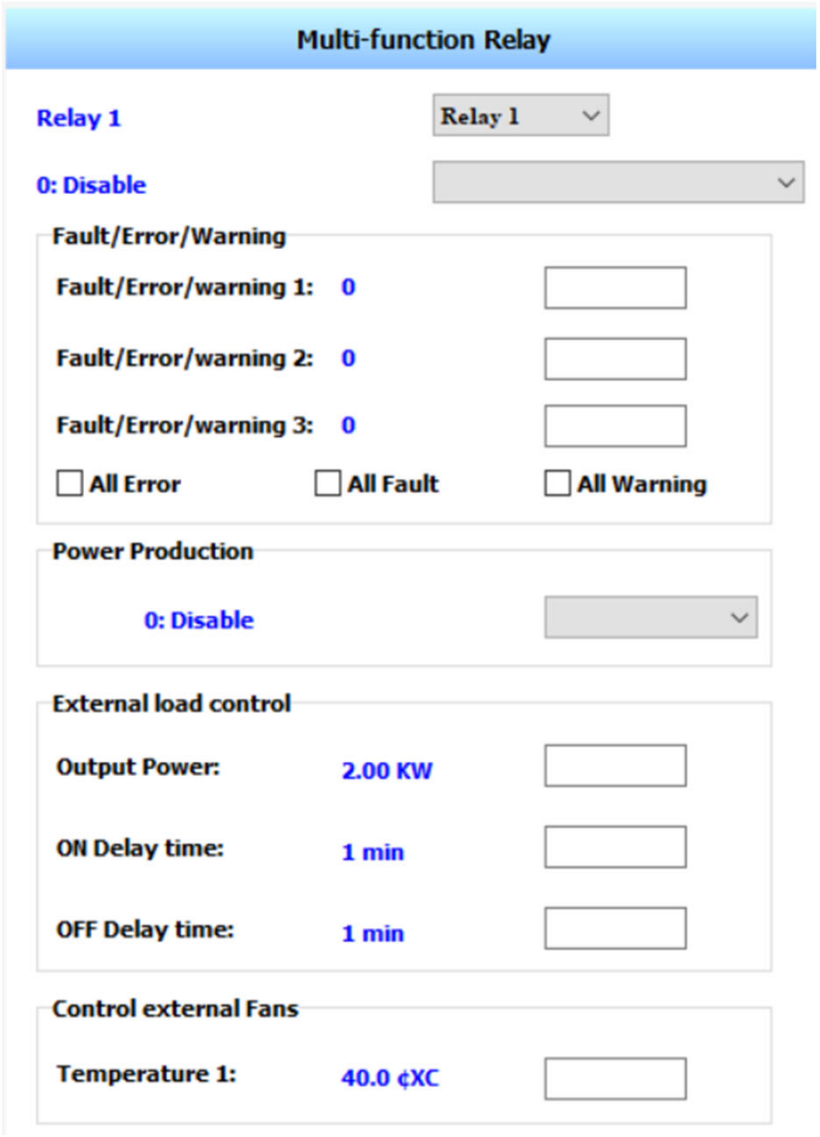
# DSS-Software „Ctrl“

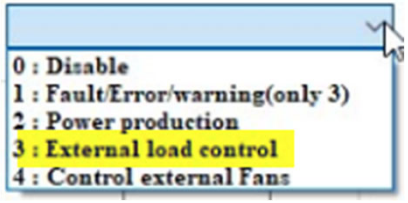


# DSS-Software „Ctrl“



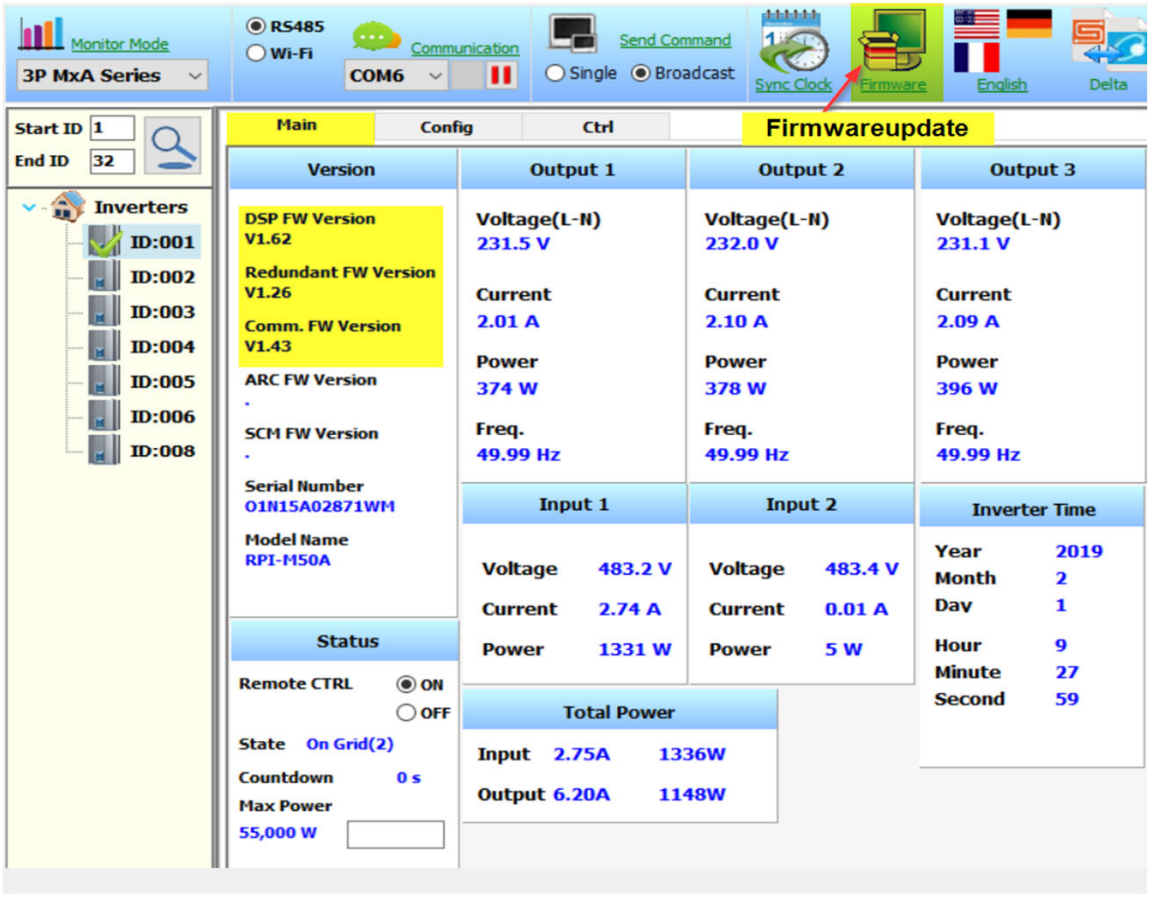
# DSS-Software



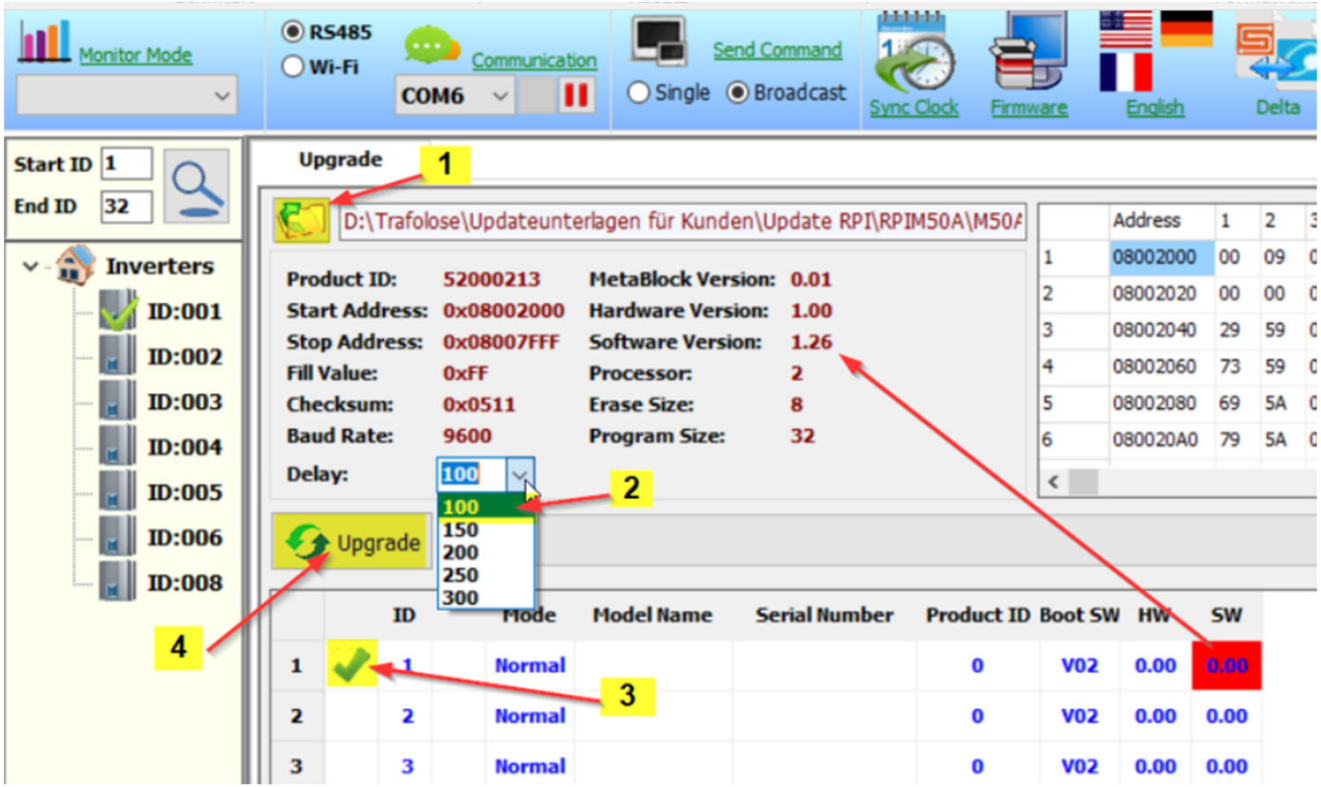



# Start Firmware Update

Start the update program by clicking on Button "Firmware“
*Das Update Programm wird gestartet durch klicken auf das „Firmware“ Symbol*



# Firmware Update



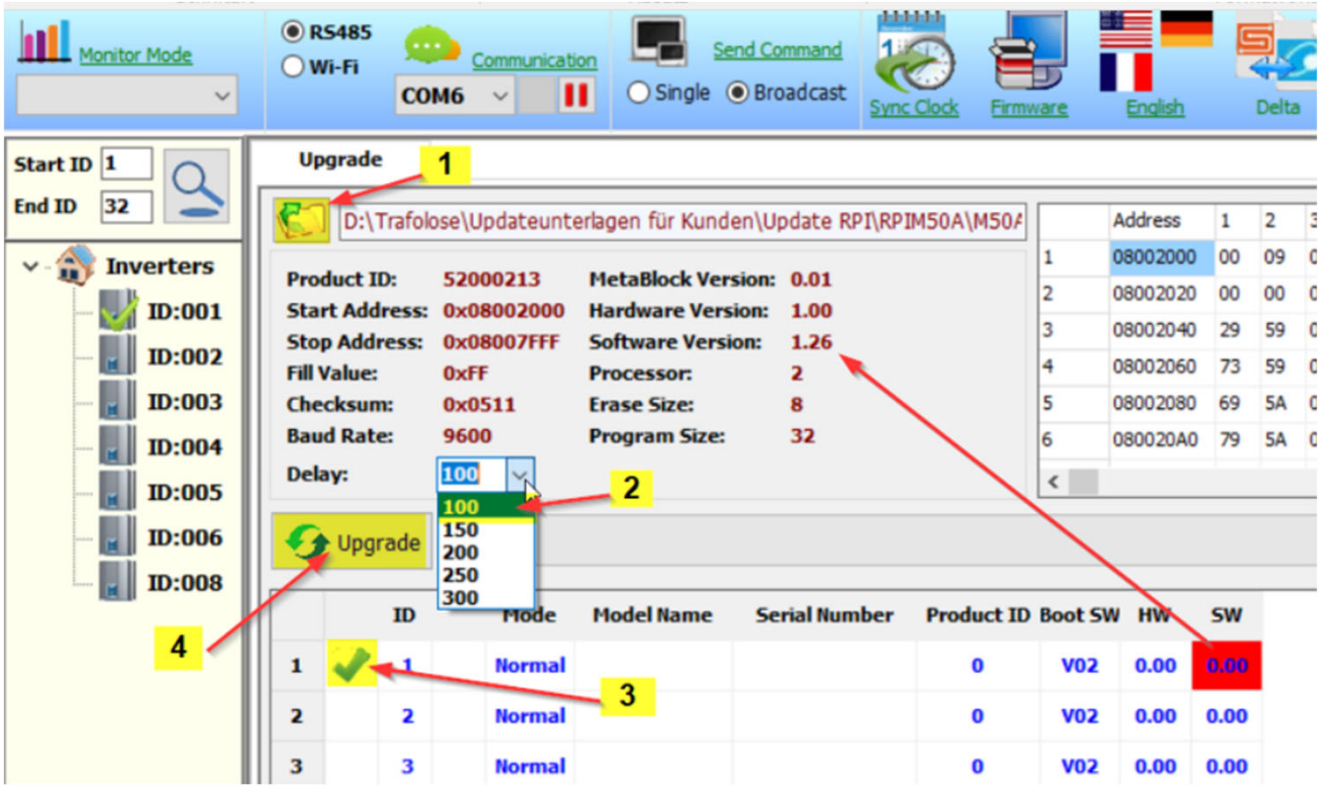

**Please do steps 1 to 4**

1. Download the RED, COMM, and DSP software that you received from Delta Service one after the other here.
2. Select delay time 100 here
3. Select inverter
4. Start the upgrade

M50A_12S_COMM_V0143_M1.hex
M50A_DSP_V0162_D1832_WIFIB3.HEX
M50A_RED_V0126_D1743_WIFIB4.HEX

deutsch nächste Seite →

# Firmware Update




Bitte Schritte1 bis 4 durchführen

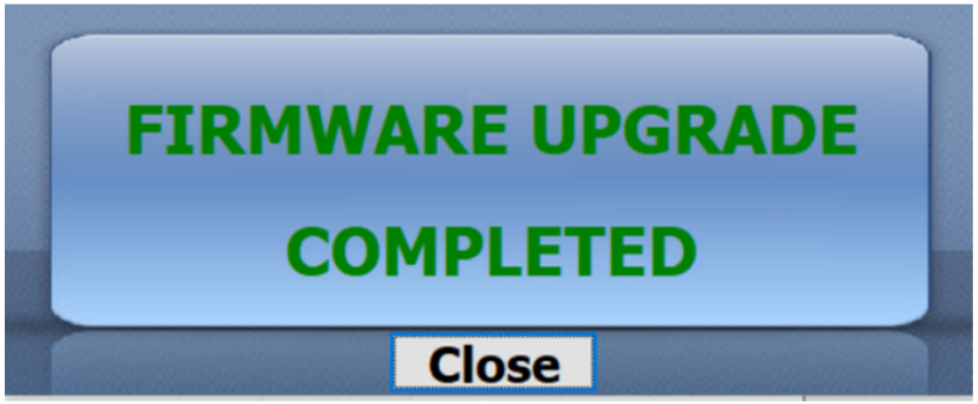
1. Die RED-, COMM-, und DSP Software, die Sie von Delta Service erhalten haben nacheinander hier laden.
2. Hier Verzögerungszeit 100 auswählen
3. Wechselrichter wählen
4. Upgrade starten

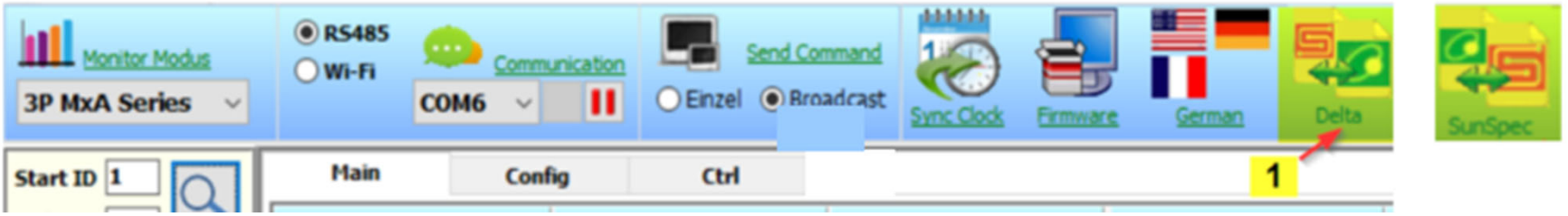
M50A_12S_COMM_V0143_M1.hex
M50A_DSP_V0162_D1832_WIFIB3.HEX
M50A_RED_V0126_D1743_WIFIB4.HEX

# DSS-Software

After a successful update, you will receive this message

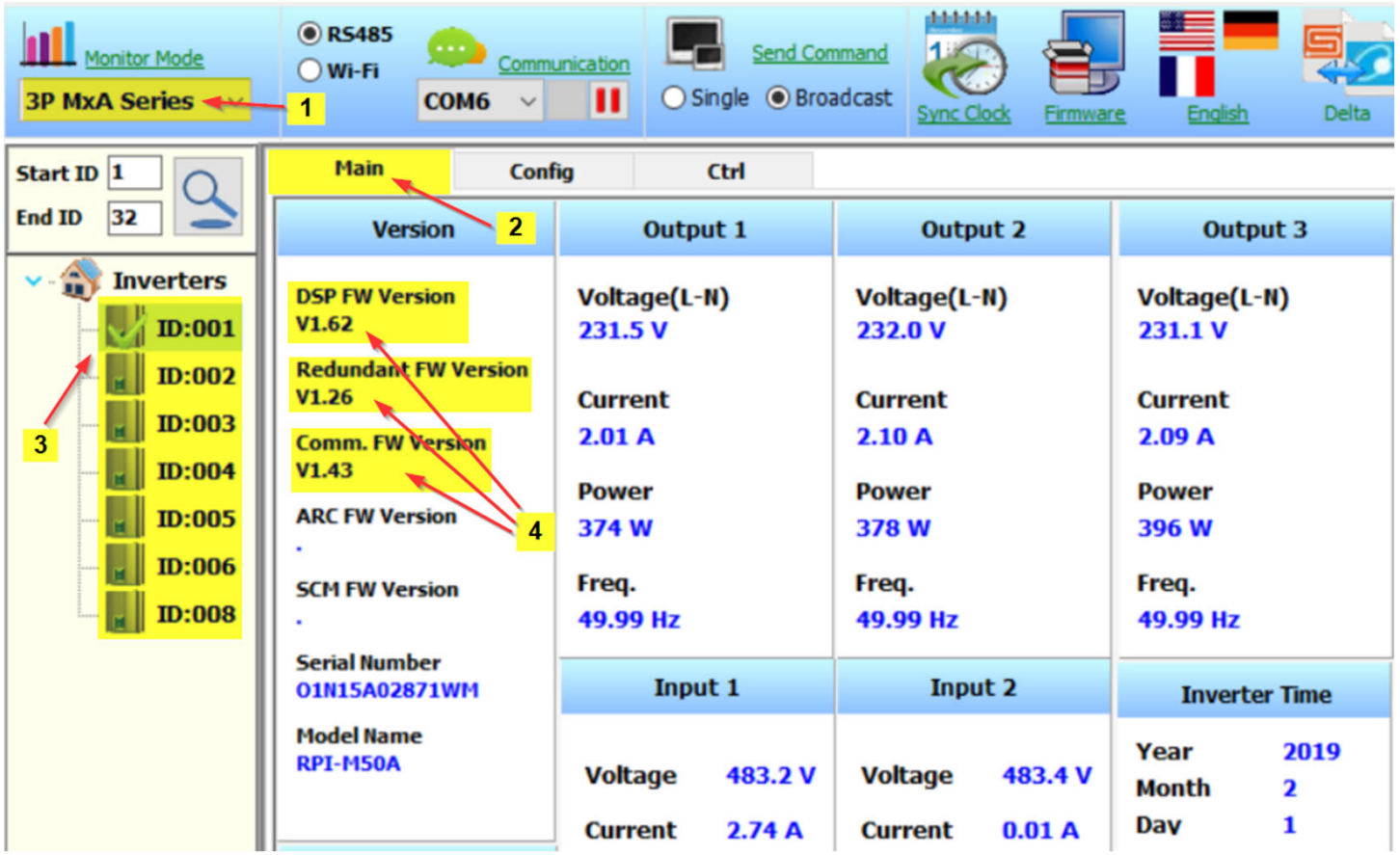
*Nach erfolgreichem Update sehen Sie diese Meldung*




If “SunSpec” is used for plant monitoring, please switch here.
*Wenn das „SunSpec“ Protokoll für das Anlagen Monitoring verwendet wird, bitte hier umstellen.*

# Firmware update successful?




Please check the new updated software versions(4) for each ID(3) (steps 1 to 4)
*Bitte für jede ID(3) die aktualisierten Softwarestände(4) kontrollieren (Schritte1 bis 4)*

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