

Delta Service Software DSS

New design for more flexibility

V6.0





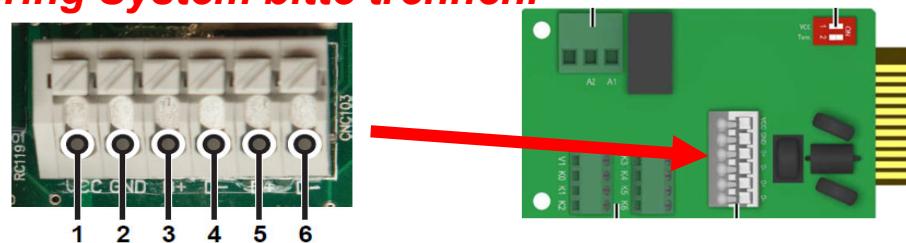
Firmware Update Preparation Vorbereitung

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

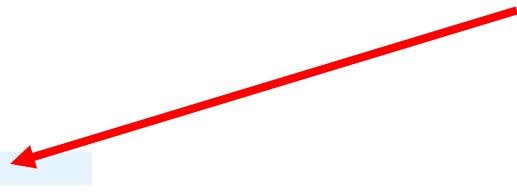




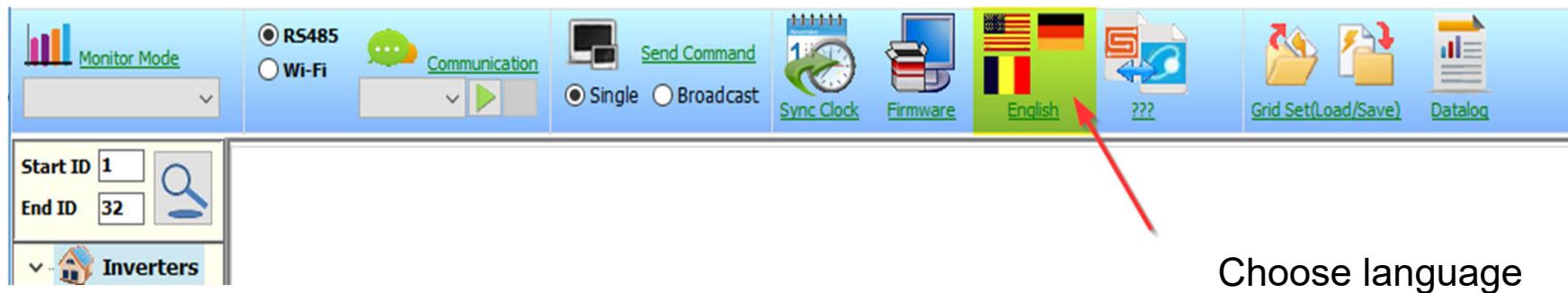
Start DSS-Software

Name

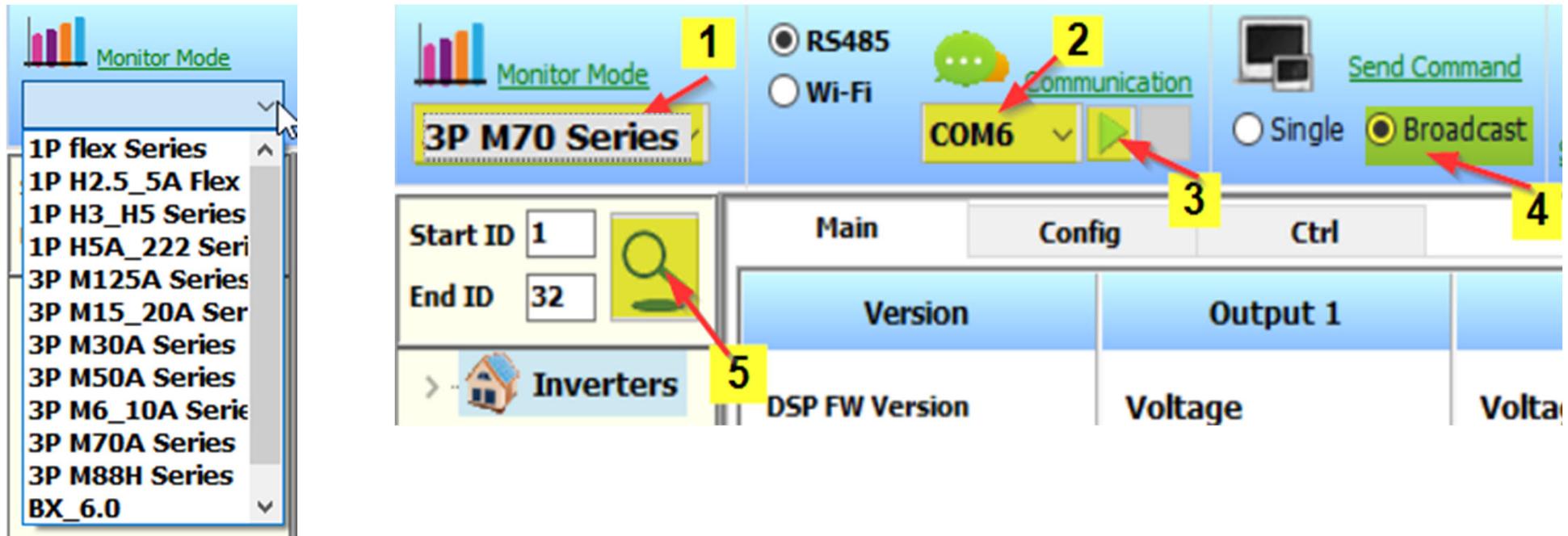
- 1P flex Series
- 1P H2.5_5A Flex Wifi Series
- 1P H3_H5 Series
- 1P H5A_222 Series
- 3P M6_10A Series
- 3P M15_20A Series
- 3P M30A Series
- 3P M50A Series
- 3P M70A Series
- 3P M88H Series
- 3P M125A Series
- BX_6.0
- ConfigLog
- DataLog
- Hybrid_E5
- profile
- UpgradeLog
- Delta_Solar_System V5.9.exe**
- DSS User Instruction_S.pdf
- upload_download function of DSS.PPTX



.exe double click
.exe doppelklicken



Choose language
Sprache auswählen



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

Version	Output 1	Output 2	Output 3
DSP Firmwareversion V1.62	Voltage(L-N) 232.4 V	Voltage(L-N) 232.5 V	Voltage(L-N) 231.5 V
Redundant Kontroller Firs V1.26	Strom 1.59 A	Strom 1.62 A	Strom 1.68 A
Comm. FW Version			

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“

The screenshot displays the 3P M70A Series software interface, which includes a top navigation bar with tabs like Monitor Mode, RS485, Wi-Fi, Communication, Send Command, Sync Clock, Firmware, English, Delta, Grid Set/Load/Save, and Datalog. The main area shows a tree view under 'Inverters' with multiple entries for 'ID:001'. Each entry provides detailed information such as Version (e.g., DSP FW Version V1.18), Output 1 (Voltage/L-N: 0.0 V), Output 2 (Voltage/L-N: 0.0 V), Output 3 (Voltage/L-N: 0.0 V), Temperature 1 (Ambient: 0 °C, Max: 50 °C), and various power and frequency metrics. Below the main table, there are sections for Input 1, Input 2, Inverter Time, Input 3, Input 4, and Bus Voltage, each with their own specific parameters. A status section on the left shows Remote ON/OFF, State (No Dc(3)), Countdown (0 s), Max Power (77,000 W), and Grid unlock buttons. A bottom right corner contains a 'DC1/2 Enable (M88H)' button.



DSS-Software „Main“

The screenshot shows the software interface for the 3P M70A Series. The top menu bar includes options for Monitor Mode, RS485, Wi-Fi, Communication (COM6, Single/Broadcast), Sync Clock, Firmware, English/French/Delta, Grid Set/Load/Save, and Datalog.

The main window displays data for Inverter ID:001. The left sidebar shows the tree structure with Inverters selected, and the status bar indicates the date and time as 09/01 11:51:22 and 06/15.

The data table has the following columns:

- Main**: Contains sections for Output 3, Temperature 1, Max Input Value, String Current, and Error Event.
- Config**: Contains sections for ge(L-N), Ambient, Boost-1, Boost-2, Inverter-S, Output Energy, Today, and Inverter Time.
- Ctrl**: Contains sections for Hz, Life, DC1/2 Enable (M88H), Max Output Value, and Bus Voltage.

Output 3 section details:

- Temperature 1**: Shows Ambient at 0 °C and 50 °C, Boost-1 at 0 °C and 47 °C, and Boost-2 at 0 °C and 0 °C.
- Max Input Value**: Shows Vdc1: 360.7 V, Vdc2: 616.4 V, Idc1: 3.72 A, Idc2: 26.25 A, Pdc1: 1010 W, Pdc2: 10280 W, Vdc3: 360.6 V, Vdc4: 200.3 V, Idc3: 4.91 A, Idc4: 0.00 A, Pdc3: 1010 W, Pdc4: 0 W, Vdc5: 614.4 V, Vdc6: 200.5 V, Idc5: 26.15 A, Idc6: 0.07 A, Pdc5: 10280 W, Pdc6: 10 W, Vdc7: 0.0 V, Vdc8: 0.0 V, Idc7: 0.00 A, Idc8: 0.00 A, Pdc7: 0 W, Pdc8: 0 W.
- String Current**: Shows current values for 1: 0.00 A, 2: 0.00 A, 3: 0.00 A, 4: 0.00 A, 5: 0.00 A, 6: 0.00 A, 7: 0.00 A, 8: 0.00 A, 9: 0.00 A, 10: 0.00 A, 11: 0.00 A, 12: 0.00 A, 13: 0.00 A, 14: 0.00 A, 15: 0.00 A, 16: 0.00 A, 17: 0.00 A, 18: 0.00 A, 19: 0.00 A, 20: 0.00 A, 21: 0.00 A, 22: 0.00 A, 23: 0.00 A, 24: 0.00 A.
- Error Event**: Lists error events with time and code: 00. 2020/09/01 05:04:09 E09- No Grid, 01. 2020/08/31 15:55:24 E09- No Grid, 02. 2020/08/26 12:32:02 E09- No Grid, 03. 2020/08/20 04:28:20 E09- No Grid, 04. 2020/08/19 13:38:47 E09- No Grid, 05. 2020/06/24 13:46:53 E02- AC Freq Low, 06. 2020/06/23 09:10:20 F24-Ground Cur. High, 07. 2020/06/08 11:15:54 E11- AC Volt High.

Config section details:

- ge(L-N)**: Shows Ambient at 0 °C and 50 °C, Boost-1 at 0 °C and 47 °C, and Boost-2 at 0 °C and 0 °C.
- A**: Shows Inverter-S at 0 °C and 47 °C.
- Hz**: Shows Today, Wh: 0.000 KWh, Runtime: 0:0:0.
- Inverter Time**: Shows Life, Wh: 19.100 KWh, Lifetime: 28:17:15.

Ctrl section details:

- DC1/2 Enable (M88H)**: Shows values for Vac1, Iac1, Pac1, Fac1, Vac2, Iac2, Pac2, and Fac2.
- Max Output Value**: Shows values for Vac1, Iac1, Pac1, Fac1, Vac2, Iac2, Pac2, and Fac2.
- Bus Voltage**: Shows values for PBus and NBus.



DSS-Software „Main“

Monitor Mode RS485 Wi-Fi Communication Send Command Sync Clock Firmware English Delta Grid Set(Load/Save) Datalog

Start ID 1 End ID 5

Main Config Ctrl

Derating Records for OPV		Derating Records for OPV_Lo		Derating Records for PM		Derating Records for Ramp Up	
Start Time	Add up Time	Start Time	Add up Time	Start Time	Add up Time	Start Time	Add up Time
01.		01.		01.		01. 2020/08/26 12:57:52	92 sec
02.		02.		02.		02. 2020/08/26 12:47:02	17 sec
03.		03.		03.		03. 2020/08/26 12:24:39	17 sec
04.		04.		04.		04. 2020/08/26 10:00:46	17 sec
05.		05.		05.		05. 2020/08/26 09:25:01	17 sec
06.		06.		06.		06. 2020/07/04 10:22:13	17 sec
07.		07.		07.		07. 2019/12/23 06:06:52	14 sec
08.		08.		08.		08. 2019/12/23 00:14:16	14 sec
09.		09.		09.		09. 2019/12/23 13:55:11	13 sec
10.		10.		10.		10. 2019/12/23 12:31:03	14 sec
11.		11.		11.		11. 2019/12/23 10:19:50	14 sec
12.		12.		12.		12. 2020/06/15 05:51:45	13 sec

Derating Records for Vin		Derating Records for Thermal		Derating Records for PF		Derating Records for Others	
Start Time	Add up Time	Start Time	Add up Time	Start Time	Add up Time	Start Time	Add up Time
01. 2020/08/26 13:31:05	8 sec	01.		01.		01. 2020/08/26 13:16:50	858 sec
02. 2020/08/26 12:52:07	21 sec	02.		02.		02. 2020/08/26 12:57:52	76 sec
03. 2020/08/26 12:26:19	600 sec	03.		03.		03. 2020/08/26 12:52:07	21 sec
04. 2020/08/26 10:03:33	1161 sec	04.		04.		04. 2020/08/26 12:26:19	600 sec
05. 2020/08/26 09:43:14	9 sec	05.		05.		05. 2020/08/26 10:03:33	1161 sec
06. 2020/07/04 11:56:32	6841 sec	06.		06.		06. 2020/07/07 08:13:38	9 sec



DSS-Software „Config“

The screenshot shows the DSS-Software „Config“ interface. The top menu bar includes options like Monitor Mode, RS485, Wi-Fi, Communication (COM6 selected), Send Command, Single/Broadcast, Sync Clock, Firmware, English, Delta, Grid Set(Load/Save), and Datalog. On the left, there's a sidebar for the 3P M70A Series with Start ID 1, End ID 5, and a search icon. Below it, there's a tree view for Inverters, with one entry labeled ID:001. The main window has tabs for Main, Config (selected), and Ctrl. The Config tab contains text indicating that certain settings require a password, providing the Delta Support Hotline number and email. A modal dialog box titled "Input Password Please" is displayed in the center, containing a password input field, an OK button, and a Cancel button.

For this settings you need a password that you ask here.
Delta Support Hotline +497641 455 549
E-mail: support@solar-inverter.com

*Für diese Einstellungen benötigen Sie ein Passwort, dass Sie bitte hier erfragen.
Delta Support Hotline 0800 8009323
E-Mail: support@solar-inverter.com*

Input Password Please

Password

OK Cancel



DSS-Software „Config“

Monitor Mode

RS485 Wi-Fi Communication

COM6 Single Broadcast

Send Command Sync Clock Firmware English Delta

Grid Set(Load/Save) Datalog

Start ID 1 End ID 5

Inverters ID:001

Main Config Ctrl

Country Set		Uac Protection		Freq. Protection		Comm Protection	
Country	DE_400V_4105_18	U High Off:	287.5 V	F High Off:	51.50 Hz	Mode	<input type="radio"/> ON <input checked="" type="radio"/> OFF
Language	English	U High Off Time:	0.20 Sec	F High Off Time:	0.20 Sec	Disconnection time	300 Sec
Reclosure Time	60.00 sec	U High On:	253.0 V	F High On:	50.10 Hz		
Inverter ID	1	U High Off Slow:	253.0 V	F High Off Slow:	51.50 Hz		
RS485 Baud rate	19200	U High Off Slow Time:	600.00 Sec	F High Off Slow Time:	0.20 Sec		
Insulation		U High On Slow:	248.0 V	F High On Slow:	50.10 Hz	AC Terminal	
CTRL:	<input checked="" type="radio"/> ON <input type="radio"/> OFF	U Low Off:	103.5 V	F Low Off:	47.50 Hz	Type	<input checked="" type="radio"/> 3P4W <input type="radio"/> 3P3W
R Limit	250	U Low Off Time:	0.30 Sec	F Low Off Time:	0.20 Sec		
R_Leakage(kohm)		U Low On:	195.5 V	F Low On:	47.55 Hz		
Now	Max	U Low Off Slow:	184.0 V	F Low Off Slow:	47.50 Hz		
R1	0	U Low Off Slow Time:	3.00 Sec	F Low Off Slow Time:	0.20 Sec		
R2	0	U Low On Slow:	195.5 V	F Low On Slow:	47.55 Hz		
DC Injection							
CTRL:	<input checked="" type="radio"/> ON <input type="radio"/> OFF						
Amp	1.00 A						
Time							



DSS-Software „Ctrl“

Screenshot of the DSS-Software „Ctrl“ interface for a 3P M70A Series in Monitor Mode.

The main window shows the following configuration tabs:

- Main
- Config
- Ctrl** (selected)

The **Ctrl** tab is divided into several sections:

- Active Power**: Includes fields for Disable, PM (%), Ramp Up Power(%), Active Power Slope, and Active Power Slope Time.
- Reactive Power**: Includes Mode (Disable), Night Mode (Disable), Fixed cosφ, Fixed Q (%), and Response Time.
- Q(U) Ctrl**: Includes Q_Vmax (Ind 33%), Q_Vmin (Cap 33%), Vmax (239.2 V), Vmin (220.8 V), Upper(V2) (230.0 V), Lower(V1) (230.0 V), Q2 (0), Q3 (0), Lock-in Power (0 %), Lock-out Power (0 %), and Hysteresis (0.0 V).
- P(U) Function**: Includes Mode (Disable), Recovery Time(s) (300 sec), P Lock-in(%) (20 %), Lower Power(%) (5 %), V Lock-in(Vac) (253.0 V), V Lock-out(Vac) (248.4 V), Start Voltage (253.0 V), Stop Voltage (253.0 V), Pend (5 %), and V recover (248.4 V).
- Q by Night**: Includes Const.Q_Percent (0 %), Q(U)_Upper_Limit (-44 %), Q(U)_Lower_Limit (44 %), Q(U)_Vmin(V2i) (184.0V), Q(U)_Vmax(V2s) (253.0V), Q(U)_V1(V1i) (230.0V), Q(U)_V2(V1s) (230.0V), Q(U)_P_Lock_in (0 %), Q(U)_P_Lock_out (0 %), Q(U)_Hysteresis (0.0V), and Response_Delay (0.00 sec).
- P-F Control**: Includes Frequency (Limit via Current Power), Gradient (%), and Indicators for Upper (Cap 0.95), Lower (Ind 0.95).
- cos(φ) of P Ctrl**: Includes Indicators for Upper (Cap 0.95), Lower (Ind 0.95).
- FRT**: Includes Dead Band Umin (90 %), Dead Band Umax (110 %), and K Factor.
- Fan Test**: Includes Mode (ON, OFF), Duty, and Internal.
- Fan Fail**: Includes Internal.

The left sidebar displays the Inverters section with ID:001 selected. A red arrow points from the Inverters section towards the Reactive Power settings.

The bottom left sidebar lists various control modes and parameters, with **Q(U) Class C** currently selected.



DSS-Software „Ctrl“

Monitor Mode

RS485 Wi-Fi Communication

Send Command Sync Clock Firmware Delta

3P M70A Series COM6 Single Broadcast

Grid Set(Grid/Save) Datalog

Start ID 1 End ID 5

Inverters ID:001

Main **Config** **Ctrl**

P(U) Function

Mode:	Disable
Recovery Time(s)	300 sec
P Lock-in(%)	20 %
Lower Power(%)	5 %
V Lock-in(Vac)	253.0 V
V Lock-out(Vac)	248.4 V
Start Voltage	253.0 V
Stop Voltage	253.0 V
Pend	5 %
V recover	248.4 V

Q by Night

Const.Q_Percent	0 %
Q(U)_Upper_Limit	-44 %
Q(U)_Lower_Limit	44 %
Q(U)_Vmin(V2i)	184.0V
Q(U)_Vmax(V2s)	253.0V
Q(U)_V1(V1i)	230.0V
Q(U)_V2(V1s)	230.0V
Q(U)_P_Lock_in	0 %
Q(U)_P_Lock_out	0 %
Q(U)_Hysteresis	0.0V
Response_Delay	0.00 sec

Q(P) for Q by night & Q 24/7

Mode	Rated
No of Set Point	5
P0	10.0%
P1	50.0%
P2	60.0%
P3	90.0%
P4	100.0%
P5	100.0%
P6	100.0%
P7	100.0%
P8	100.0%
P9	100.0%
Q0	Cap 0
Q1	Cap 0
Q2	Ind 5.0%
Q3	Ind 33.0%
Q4	Ind 33.0%
Q5	Ind 33.0%
Q6	Ind 33.0%
Q7	Ind 33.0%
Q8	Ind 33.0%
Q9	Ind 33.0%

FRT

Dead Band Umin	90 %
K Factor	
Dead Band Umax	110 %

Fan Test

Mode: ON OFF

Duty

Fan Fail

Internal
F00 F01 F02 F03
F04 F05 F06 F07



DSS-Software „Ctrl“

Monitor Mode
3P M70A Series

RS485 Wi-Fi Communication Single Broadcast Sync Clock Firmware English ??? Grid Set(Load/Save) Datalog

Start ID 1 End ID 5 Inverters ID:005

Main Config Ctrl

Active Power	Reactive Power	Q(U) Ctrl	P(U) Function
PM (%)	Mode ?? Night Mode ?? Fixed cosφ Fixed Q (%)	Q_Vmax ?? % Ind ↑ ↓ Vmax ?? Upper(V2) ?? Q2 ?? Lock-in Power ?? Hysteresis ??	Mode: ?? Recovery Time(s) ?? P Lock-in(%) ?? Lower Power(%) ?? V Lock-in(Vac) ?? V Lock-out(Vac) ?? Start Voltage ?? Stop Voltage ?? Pend ?? V recover ??
Ramp Up Power(%)	Ind ↑ ↓	Vmin ?? Lower(V1) ?? Q3 ?? Lock-out Power ??	
Active Power Slope	Ind ↑ ↓		
Response Time	Ind ↑ ↓		

P-F Control cos(φ) of P Ctrl FRT

Over Frequency	Under Frequency	Dead Band Umin	Dead Band Umax
Mode ?? Freq. Start ?? F Recovery ??	Gradient (%) ?? Freq. Stop ?? Response Time ??	Upper ?? Ind ↑ ↓ Upper(P1) ?? %	Lower ?? Ind ↑ ↓ Lower(P2) ?? %
Mode ??? Freq. Start ?? F Recovery ??	Gradient (%) ??	V Lock in ??	V Lock out ??

Dead Band Umin
Dead Band Umax
K Factor
LVRT_Mode
Mode
T1 Time
Uac Fault(Vdrop)
T2 Time
U1
T3 Time
HVRT_Mode
Mode
T4 Time



DSS-Software „Ctrl“

The screenshot displays the configuration and monitoring interface for the 3P M70A Series. The top navigation bar includes tabs for Monitor Mode, RS485, Wi-Fi, Communication, Send Command, Sync Clock, Firmware, English, Grid Set(Load/Save), and Datalog. The main window is divided into several sections:

- Start ID**: 1, **End ID**: 5, **Inverters**: ID:005.
- Main**, **Config**, **Ctrl** (selected).
- Active Power**, **Reactive Power**, **Q(U) Ctrl**, **P(U) Function**, **Q by Night**, **Q(P) for Q by night & Q 24/7**.
- P-F Control**, **cos(phi) of P Ctrl**, **FRT**, **Fan Test**, **Fan Fail**, **Multi-function Relay**.
- Over Frequency**, **Under Frequency**, **Dead Band Umin**, **Dead Band Umax**, **K Factor**, **LVRT_Mode**, **T1 Time**, **Uac Fault(Vdrop)**, **T2 Time**, **U1**, **T3 Time**, **HVRT_Mode**, **T1 Time**, **V1**.
- Anti-PID**, **Trip Time**, **State**.
- Internal**: F00, F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11, F12, F13, F14, F15.
- External**: F00, F01, F02, F03, F04, F05, F06, F07, F08, F09, F10, F11, F12, F13, F14, F15.
- Power Production**, **External load control**.



DSS-Software

Multi-function Relay

Relay 1 Relay 1

0: Disable

Fault/Error/Warning

Fault/Error/warning 1: **0**

Fault/Error/warning 2: **0**

Fault/Error/warning 3: **0**

All Error All Fault All Warning

Power Production

0: Disable

External load control

Output Power: **2.00 KW**

ON Delay time: **1 min**

OFF Delay time: **1 min**

Control external Fans

Temperature 1: **40.0 °XC**

0 : Disable
1 : Fault/Error/warning(only 3)
2 : Power production
3 : External load control
4 : Control external Fans



Start Firmware Update

Start the update program by clicking on Button "Firmware"

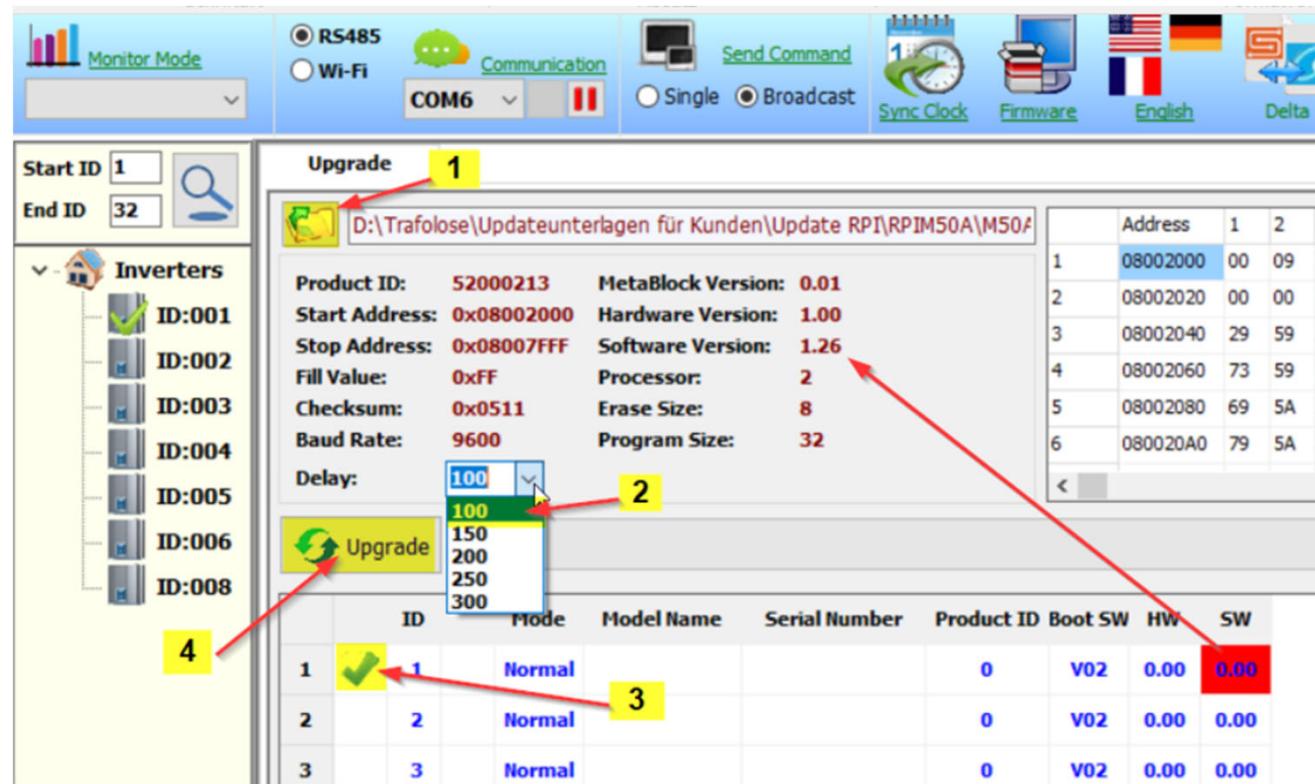
Das Update Programm wird gestartet durch klicken auf das „Firmware“ Symbol

The screenshot shows the software interface for monitoring a 3P Mxa Series inverter. The top menu bar includes options for Monitor Mode, RS485/Wi-Fi communication, COM port selection (COM6), Send Command (Single/Broadcast), Sync Clock, Firmware (highlighted with a red arrow), and language selection (English, German, French, Delta). The main window displays various parameters and status information for multiple inverters (ID:001 to ID:008) under the 'Inverters' section. The 'Firmwareupdate' tab is active, showing detailed information for Output 1, Output 2, and Output 3, including voltage, current, power, and frequency. Below this, sections for Input 1, Input 2, and Inverter Time (Year 2019, Month 2, Day 1, Hour 9, Minute 27, Second 59) are visible. At the bottom, total power input (2.75A, 1336W) and output (6.20A, 1148W) are displayed.

Version	Output 1	Output 2	Output 3
DSP FW Version V1.62	Voltage(L-N) 231.5 V	Voltage(L-N) 232.0 V	Voltage(L-N) 231.1 V
Redundant FW Version V1.26	Current 2.01 A	Current 2.10 A	Current 2.09 A
Comm. FW Version V1.43	Power 374 W	Power 378 W	Power 396 W
ARC FW Version -	Freq. 49.99 Hz	Freq. 49.99 Hz	Freq. 49.99 Hz
SCM FW Version -			
Serial Number 01N15A02871WM			
Model Name RPI-M50A			
Status			
Remote CTRL <input checked="" type="radio"/> ON <input type="radio"/> OFF	Voltage 483.2 V	Voltage 483.4 V	Year 2019
State On Grid(2)	Current 2.74 A	Current 0.01 A	Month 2
Countdown 0 s	Power 1331 W	Power 5 W	Day 1
Max Power 55,000 W			Hour 9
			Minute 27
			Second 59
Total Power			
Input 2.75A	1336W		
Output 6.20A	1148W		



Firmware Update



Please do steps 1 to 4

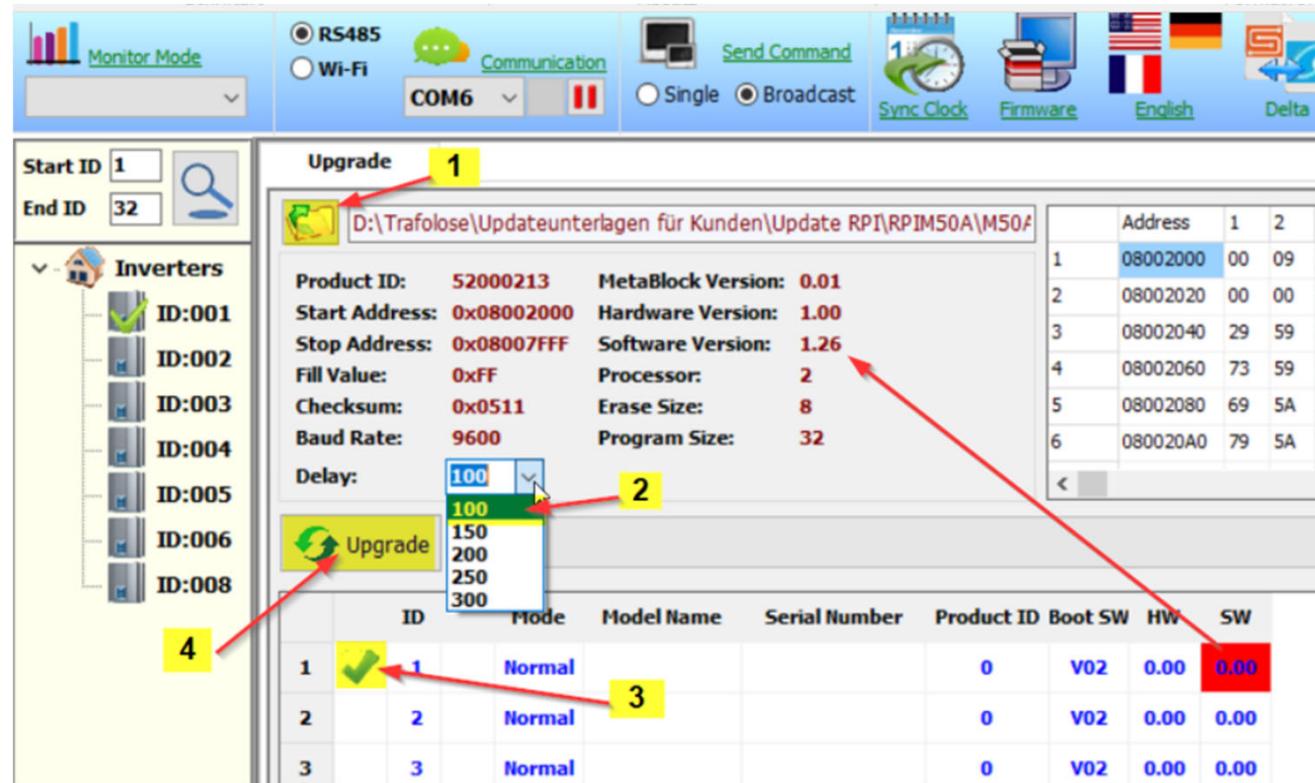
1. Download the RED, COMM, and DSP software that you received from Delta Service one after the other here.
2. Select delay time 100 here
3. Select inverter
4. Start the upgrade

M50A_12S_COMM_V0143_M1.hex
 M50A_DSP_V0162_D1832_WIFIB3.HEX
 M50A_RED_V0126_D1743_WIFIB4.HEX

deutsch nächste Seite →



Firmware Update



Bitte Schritte 1 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

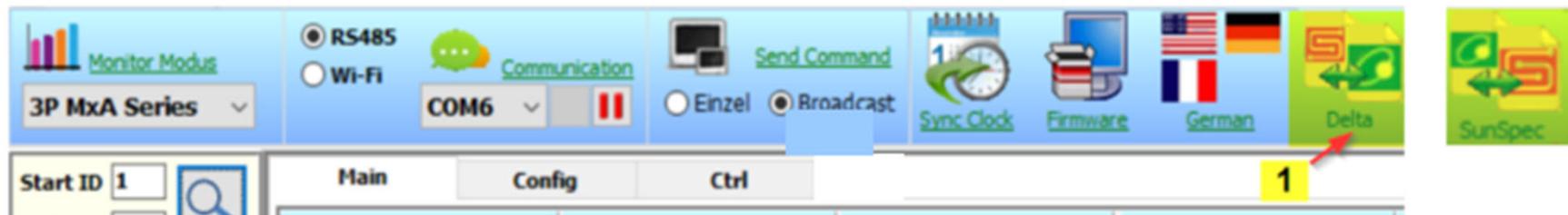
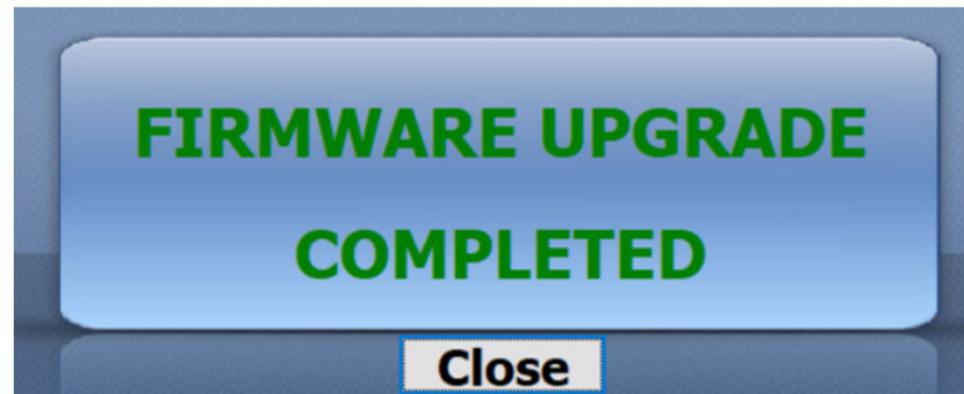
M50A_12S_COMM_V0143_M1.hex
 M50A_DSP_V0162_D1832_WIFIB3.HEX
 M50A_RED_V0126_D1743_WIFIB4.HEX



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?

The screenshot shows the software interface for monitoring and managing multiple inverters. The top navigation bar includes 'Monitor Mode' (highlighted in yellow), 'Communication' (set to RS485, COM6, Broadcast), 'Send Command', 'Sync Clock', 'Firmware' (highlighted in blue), and language options (English, German, French, Delta). The main window displays data for '3P MxA Series' inverters, with 'Start ID' set to 1 and 'End ID' set to 32. A search icon is also present.

The left sidebar lists 'Inverters' with IDs from 001 to 008. A red arrow labeled '3' points to the ID 001 entry. The main panel has tabs for 'Main' (highlighted in yellow) and 'Config'. The 'Main' tab displays various parameters for three outputs:

Version	Output 1	Output 2	Output 3
DSP FW Version V1.62	Voltage(L-N) 231.5 V	Voltage(L-N) 232.0 V	Voltage(L-N) 231.1 V
Redundant FW Version V1.26	Current 2.01 A	Current 2.10 A	Current 2.09 A
Comm. FW Version V1.43	Power 374 W	Power 378 W	Power 396 W
ARC FW Version .	Freq. 49.99 Hz	Freq. 49.99 Hz	Freq. 49.99 Hz
SCM FW Version .			
Serial Number 01N15A02871WM			
Model Name RPI-M50A			

A red arrow labeled '4' points to the 'Redundant FW Version' row. The bottom section shows input data and inverter time:

	Input 1	Input 2	Inverter Time
Voltage	483.2 V	Voltage	483.4 V
Current	2.74 A	Current	0.01 A
Year	2019	Month	2
Month	2	Day	1

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 (Schritte 1 bis 4)

Smarter. Greener. Together.

www.deltaenergysystems.com

