



UPDATING FIRMWARE THROUGH WI-FI

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Updating Firmware Through WI-FI

You will need:

WINDOWS LAPTOP



DSS SOFTWARE

The screenshot displays the DSS Software interface, which is a Windows application for monitoring and configuring a solar inverter. The interface is divided into several sections:

- Version:** Shows the current firmware version (V1.00) and the redundant firmware version (V0.00).
- Output 1:** Displays real-time output parameters including Voltage (736.0 V), Current (1.04 A), Power (3019 W), and Frequency (50.03 Hz).
- Output Energy:** Provides cumulative energy data such as Total, Max, Runtime, and Life.
- Temperature 1:** Shows ambient and busbar temperatures with minimum and maximum values.
- Input 1:** Displays input voltage and current for the inverter.
- Input 2:** Shows input voltage, current, and power for a second input stage.
- Bus Voltage:** Indicates the total bus voltage (363.5 V).
- Firmware:** Lists the firmware code and its version.
- Serial Number:** Provides the unique identifier for the device.
- Status:** Shows the inverter's operational status (e.g., Standby, Run, Fault).

The interface also includes a navigation menu on the left and a taskbar at the bottom with various system icons and the Windows Start button.

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Please Download HEX files for the update:

| Model | Type | Link |
|-------------|---------------------|---|
| Solivia | 2.5 | https://sync.netoverdrive.com.au:510/shares/folder/fcec8ac83ff1ba/ |
| | 3.0 | https://sync.netoverdrive.com.au:510/shares/folder/9150577efd6b01/ |
| | 3.3 | https://sync.netoverdrive.com.au:510/shares/folder/1e08eedfdc577c/ |
| | 5.0 | https://sync.netoverdrive.com.au:510/shares/folder/3e7e40ec34c0cb/ |
| | 15 / 20 | Firmware: https://sync.netoverdrive.com.au:510/shares/folder/e30ffda534f178/ Power Limit: https://sync.netoverdrive.com.au:510/shares/folder/8c186aa77c3d8f/ |
| RPI | H3 | https://sync.netoverdrive.com.au:510/shares/folder/a0a4f891a77135/ |
| | H3A/ H4A/ H5A | https://sync.netoverdrive.com.au:510/shares/folder/62f3e95439befc/ |
| | Hybrid E5 | https://sync.netoverdrive.com.au:510/shares/folder/1d1d213583a9c1/ |
| | M6A/ M10A | https://sync.netoverdrive.com.au:510/shares/folder/5be1bf36da23e9/ |
| | M15A/ M20A | https://sync.netoverdrive.com.au:510/shares/folder/1121d794c46c4b/ |
| | M30A | https://sync.netoverdrive.com.au:510/shares/folder/d5c8723cb47900/ |
| RPI FLEX | FLEX | DSP: https://sync.netoverdrive.com.au:510/shares/file/9edaac7ee6b00d/ COM: https://sync.netoverdrive.com.au:510/shares/file/1db9eca8b6c966/ |

Solivia



RPI



RPI FLEX



Updating Firmware Through Wi-Fi



Delta Solar System V5.0

Monitor Mode **1** RS485 Wi-Fi **2** Communication Send Command Single Broadcast Sync Clock **4** Firmware English 722 Grid Set(Load/Save) Datalog Help

Start ID 1 **3a** End ID 5 **3**

Inverters ID:001

1) Choose Inverter model **4**

2) Choose Wi-Fi that is connected to the Inverter

2a) Connect to the Inverter Via WiFi. (Password is DELTASOL or if you have the app then it's the login password)

3) Press the Play Button to start Communication

3a) If the area that is populated is in red text, please click the Magnifying Glass

4) Click Firmware

1P H3_H5 Series
1P Wifi Series
3P M125 Series
3P MxA_MxH Series
BX_6.0
Hybrid_E5

2a

Updating Firmware Through Wi-Fi



Delta Solar System V5.0

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

Start ID 1 | End ID 5 | Upgrade

5 Hex File

Processor: ?? MetaBlock Version: ??
Start Address: ?? Hardware Version: ??
Stop Address: ?? Software Version: ??
Fill Value: ?? Processor: ??
Checksum: ?? Erase Size: ??
Baud Rate: ?? Program Size: ??
Delay: ??

6 Upgrade

5) Select HEX files needed for the update. Start with DSP, then COMMS, then RED. Note: Some Inverters have only 2 firmware files to update.

6) Click upgrade and wait for the popup below. Repeat for other files.

FIRMWARE UPGRADE COMPLETED

Close

Temper1... 482 | NoCon/NoRx/Error:0/1/0 | Idc:100; P:1; E:1; lac:100; V:10 | Type:0x0101 | Ind- 1%, Unlock | 3:40 PM 9/01/2020