#### SOP of local upgrade with SolarGo

- This authority is currently only available to installers.
- During the upgrade process, the inverter will temporarily stop uploading the operation data; The inverter will restart automatically after the flash is completed.
- The DSP and ARM firmware cannot be upgraded at the same time, they should be upgraded one by one.

| Inverters Support SolarGo Upgrade |        |                       |                       |  |  |
|-----------------------------------|--------|-----------------------|-----------------------|--|--|
| NO.                               | Model  | WiFi Bluetooth        |                       |  |  |
| 1                                 | HT     | ARM $\geq 05$ version |                       |  |  |
| 2                                 | NS     |                       |                       |  |  |
| 3                                 | DNS    |                       |                       |  |  |
| 4                                 | DT     |                       |                       |  |  |
| 5                                 | SDT    | ARM $\geq 14$ version |                       |  |  |
| 6                                 | МТ     |                       |                       |  |  |
| 7                                 | XS     |                       |                       |  |  |
| 8                                 | MS     |                       |                       |  |  |
| 9                                 | STM    | ARM $\geq 07$ version | ARM $\geq 09$ version |  |  |
| 10                                | SDT-G2 | ARM $\geq 04$ version | ARM $\geq 10$ version |  |  |

#### **Preparations:**

- a. Make sure the version of SolarGo is above V4.0.0.
- b. Make sure inverter is powered on and WiFi module is connected well.
- c. The firmware upgrade file must be '. bin' format and the file name cannot be modified.

#### For IOS system:

1. Connect smart device to Solar-WiFi\* .

| 3:01                 | al †               |
|----------------------|--------------------|
| Settings WLAN        |                    |
| WLAN                 |                    |
| ✓ Solar-WiFi203W0661 | • <del>≈</del> (j) |
| NETWORKS 3           |                    |
| AXIS-1               | • ÷ (j)            |
| ChinaNet-N9Qn-xf     | • • (1)            |
| ChinaNet-VSWz        | ● <del>?</del> (j) |
| ChinaNet-YH7z        | <b>≜</b> ≑ (j)     |
| CODING-LINK          | • * (i)            |
| ESP_402938           | ÷ (j)              |
| FAST_7FB0            | • ÷ (j)            |
| goodwe               | • = i              |
| HUAWEI P40           | • <del>•</del> (j) |
| нув ———              | • ≈ (i)            |

Tip: Connect smart device to WiFi "Solar-WiFi" or "Solar-WiFi\*" with password 12345678.

2. <u>IOS users</u> need to copy the file to SolarGo first, so you need to open the firmware file or package with SolarGo App.

| Po1057-16-master(371).bin *** Apps<br>D-01057-16-<br>ster(371).bin Pendo<br>@ QQ<br>@ QQ<br>@ Todoist<br>♥ WPS Office<br>@ 印象笔记<br>@ 印象笔记<br>@ QQ Mail<br>@ Mail Master<br>@ SolarGo<br>@ SolarGo   |                                     | 301        |             |
|---|-------------------------------------|------------|-------------|
| P-O1057-16-<br>ster(371).bin Pen with Another App Pe | -01057-16-master(371                | ).bin ···· | Apps        |
| -01057-16-<br>teter(371).bin  Pendo  QQ  Colost  Colos  |                                     | -          | Notes       |
| -01057-16-<br>ter(371).bin<br>■ QQ<br>■ Todoist<br>♥ WPS Office<br>● 印象笔记<br>@ QQ Mail<br>@ Mail Master<br>● PV Master<br>■ SolarGo<br>■ GarGo  |                                     |            | 知乎          |
| 01057-16-<br>er (371).bin<br>● QQ<br>◎ Todoist<br>♥ WPS Office<br>◎ 印象笔记<br>◎ 印象笔记<br>◎ QQ Mail<br>◎ Mail Master<br>◎ PV Master<br>◎ SolarGo<br>豪 喵喵机   |                                     | <b>\$</b>  | Pendo       |
| ter(371).bin  | —<br>10-01057-16-<br>aster(371).bin | 8          | QQ          |
| w WPS Office<br>同称笔记<br>Q Mail<br>Mail Master<br>Noter<br>Noter<br>SolarGo<br>嚴 喵喵机   |                                     | <b>S</b>   | Todoist     |
| en with Another App en wi   |                                     | Ŵ          | WPS Office  |
| <ul> <li>QQ Mail</li> <li>Image: Mail Master</li> <li>● PV Master</li> <li>● SolarGo</li> <li>■ Gidra Go</li> </ul>   |                                     |            | 印象笔记        |
| m with Another App Mail Master  N PV Master  SolarGo  K IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII   |                                     |            | QQ Mail     |
| en with Another App <ul> <li>PV Master</li> <li>SolarGo</li> <li>G 喵喵机</li> </ul>   |                                     | (ly)       | Mail Master |
| ■ SolarGo<br>豪 喵喵机  | en with Another A                   | op 🔷       | PV Master   |
| and Carl Carl Carl Carl Carl Carl Carl Carl   |                                     | E          | SolarGo     |
|   |                                     | 80         | 喵喵机         |
|   |                                     |            |             |

3. After you enter the SolarGo App, you need to connect the device by entering the installer password.



4. Then you will enter the main interface of the app. Please choose 'More' to enter the setting list. And you can find 'Firmware Upgrade'. Click it and you can see the current version of DSP and ARM. Then you need to choose firmware.

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|---|--------------------------------------|----------------------------|-----------|------------------|-----------------|
| € 52500SSX203W0661                                  | C                                    | Setting                    | C         | Firmware Upgrade | Choose firmware |
| Eailura   | 0                                    | System parameters          | > DS      | P Upgrade        |                 |
|   | e                                    | Grid connection parameters | >         | rent Version     | 16.16           |
| <b>(</b>  | (±) (?)                              | Operating parameters       | AR        | M Upgrade        |                 |
| Vpv=255.5V Vac=0.0V<br>Ipv=0.1A Inc=0.0A            | ¢                                    | Characteristic parameters  | >         | rent Version     | 16              |
|   | ନ                                    | Communication parameters   | >         |                  |                 |
|   | Es.                                  | Device maintenance         | ×         |                  |                 |
|   | ø                                    | Firmware Upgrade           | >         |                  |                 |
|   | P                                    | Contact                    | >         |                  |                 |
|   | ລ                                    | WIFI Module version        | V1.1.1.2  |                  |                 |
| O Power   | 0.00kW 🕕                             | APP version                | V4.0.2    |                  |                 |
| 🚱 EDay  | 0.0kWh                               |                            |           |                  |                 |
| 🕑 ETotal  | 62.3kWh                              |                            |           |                  |                 |
| Home Parameters                                     | <br>More                             | Home Parameters            | More      |                  |                 |
| Ower     EDay     ETotal     Entrome     Parameters | 0.00kWh<br>0.0kWh<br>62.3kWh<br>More | APP version                | V4.0.2    |                  |                 |

5. When you enter the interface of 'Choose firmware', you'll find the firmware file you have copied for the upgrade. Just choose it and click 'Upgrade'.

| 3:02              |  | all 🗢 🔳 |
|-------------------|--|---------|
|                   |  |         |
| 🗈 Local           |  |         |
| 410-010<br>2021-1 | 157-16-master(371).bin<br>11-09 08:54:41 +0000   | 0       |
| 410-010<br>2021-1 | 157-16-master(371)-1.bin<br>11-09 08:54:41 +0000 | 0       |
|                   |  |         |
|                   |  |         |
|                   |  |         |
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|                   |  |         |
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|                   |  |         |
|                   |  |         |
|                   |  |         |

6. Then a pop-up message will display, you need to choose 'Confirm' and upgrade will start.



7. The upgrade will last for several minutes. Please wait until it displays 'Upgrade successful'.



**Note**: After all the above steps, please wait for a while to let the inverter itself finish the whole process to upgrade. You can check the version afterwards.

#### For Android system:

1. Connect smart device to Solar-WiFi\* .



Tip: Connect smart device to WiFi "Solar-WiFi" or "Solar-WiFi\*" with password 12345678.

2. Open the SolarGo App and you need to connect the device by entering the inverter's password.



3. Then you will enter the main interface of the app. Please choose 'More' to enter the setting list. And you can find 'Firmware Upgrade'. Click it and you can see the current version of DSP and ARM. Then you need to select firmware.

| ି≣ 15:54∎  ତିି 🗃 |                    | <b>511</b> 15            | 5:54 💷     | ଅ <b>କ</b> ଅ                | 해 15:54 <b>-</b> | ଅ କ୍ 💷                             |              |
|------------------|--------------------|--------------------------|------------|-----------------------------|------------------|------------------------------------|--------------|
| ©                | 52500SSX203W0      | 0661                     | G          | More                        |                  | € Firmware Upgrade <sup>Sele</sup> | ect<br>nware |
|                  | 🔗 Fault            |                          | $\bigcirc$ | System parameters           | >                | DSP Upgrade                        |              |
|                  |                    |                          | P          | AC Output                   | >                | Current Version                    | 16.16        |
|                  |                    |                          | $\bigcirc$ | Operating parameters        | >                | ARM Upgrade                        |              |
|                  |                    |                          | $\oplus$   | Characteristic parameters   | >                | Current Version                    | 16           |
| Vpv=255          |                    | Vac=0 V                  | ନ          | Communication parameters    | >                | Current Version                    | 10           |
| lpv=0.1 A        |                    | lac=0.0 A<br>Fac=0.00 Hz | B          | Device maintenance          | >                |                                    |              |
|                  |                    |                          | S          | Firmware upgrade            | >                |                                    |              |
|                  |                    |                          | 2          | Wi-Fi Module Version Number | V1.1.1.2         |                                    |              |
|                  |                    |                          | P          | Contact information         | >                |                                    |              |
| 6                | Power              | 0.00 kW                  | í          | APP version                 | V4.0.3           |                                    |              |
|                  |                    |                          |            |                             |                  |                                    |              |
| •                | Daily Power Genera | ation0.0 kWh             |            |                             |                  |                                    |              |
| •                | ETotal             | 62.3 kWh                 |            |                             |                  |                                    |              |
| Home             | Parameters         | More                     | ÷          | forme Barameter             | <br>More         |                                    |              |

4. When you enter the interface of 'Select firmware', you need to click 'Manual Selection' to find the firmware file or package which you have saved in the list. Then choose it and click 'Upgrade'.

| ## 15:5<br>© | s■<br>Select FirmwareManu | ଞ କ 📾<br>al Selection |
|--------------|---------------------------|-----------------------|
| 🗈 Lo         | cal                       |                       |
| 410-0        | 01057-16-master(371).bin  | 0                     |
|              |                           |                       |
|              |                           |                       |
|              |                           |                       |
|              |                           |                       |
|              |                           |                       |
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|              |                           |                       |
|              |                           |                       |
|              |                           |                       |
|              |                           |                       |
| _            |                           |                       |
|              | Upgrade                   |                       |

5. Then a pop-up message will display, you need to choose 'OK' and upgrade will start.



6. The upgrade will last for several minutes. Please wait until it displays 'Upgrade successfully'.



**Note**: After all the above steps, please wait for a while to let the inverter itself finish the whole process to upgrade. You can check the version afterwards.