Goodwe Onsite Upgrading via SolarGo app
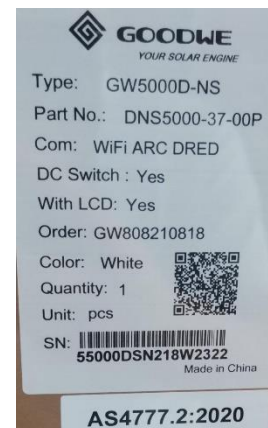
Background:

After 18th of Dec. 2021, all inverters installed in Australia must be complied with AS/NZS4777.2:2020 standard. If inverters are old stock, these inverters need to do firmware upgrading before installing.

This guide is only for Goodwe PV grid tied inverters like DNS and MS inverter.

Methods of checking inverter standard:

a. Inverter package box have AS4777.2:2020 sticker to indicate the inverter is compliant with new standard.
b. Inverter shall come with Australia (Australia A), Australia B, Australia C which means the inverter is with the firmware complying AS/NZS4777.2:2020

Solution for inverters not with latest standard:

* Goodwe still recommends to connect inverter to wifi so Goodwe can upgrade the firmware remotely. However, for case that there is no customer wifi available, installers can use the **SolarGo** app for onsite upgrading inverters by connecting with inverter wifi.

SolarGO App is required on Android or IOS, which can be downloaded from app store. _Please always ensure the APP is the latest version_.

If uncertain, please delete and reinstall the SolarGo app.

Requested firmware on inverter is below. Most of inverters confirmed can do upgrading by this way.

NO.	Model	Wifi	Bluetooth	Lead-in time of production line
		Inverters Support SolarGo Upgrade		
1	HT	ARM≥05		July 7, 2021
2	NS	ARM≥14		Nov. 17, 2020
3	DNS			
4	DT			
5	SDT			
6	MT			
7	XS			
8	MS			
9	SMT	ARM≥07	ARM≥09	ARM≥07, lead-in time:Oct. 19, 2020 ARM≥09, lead-in time:Apr. 1, 2021
10	SDT-G2	ARM≥04	ARM≥10	ARM≥04, lead-in time:Jan. 14, 2020 ARM≥10, lead-in time:Mar. 31, 2021

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  A. For IOS system user like iphone or ipad
  B. For Android system user like smart phone or tablet

Preparations:
a. Keep your mobile to flight mode. The incoming calls during uploading firmware may potentially stop uploading.
b. Only turn the PV ON and solar main breaker OFF so inverter stays in fault mode (Utility loss)
c. Inverter has two firmware which are DSP and ARM firmware.
   Both needs to be upgraded to complied with AS/NZS4777.2:2020.
   Please upgrade the ARM firmware firstly, then DSP firmware secondly.
d. Download the firmware according to the model of inverter via the link referring to the table below as well.
   Please ensure firmware be downloaded and save to the appointed file in case file cannot be found during the process especially IOS system users.

Models	ARM version	DSP version
DNS	17	19
MS	17	13
XS, SDT G2 5-6kW, SMT, MT	TBA	TBA

Firmware download link:
https://bit.ly/MSandDNS

Video for reference:
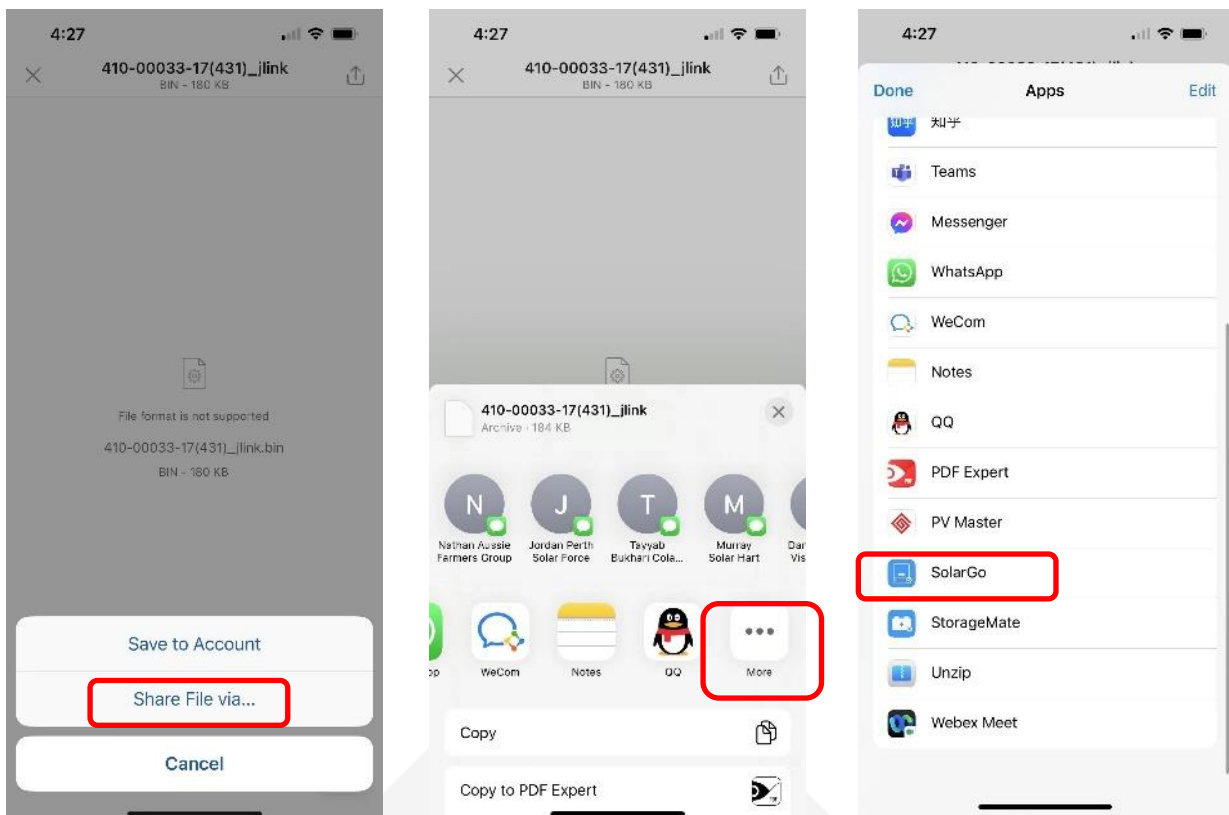Youtube link posted later

A. Onsite upgrading by using IOS system like Iphone or Ipad：

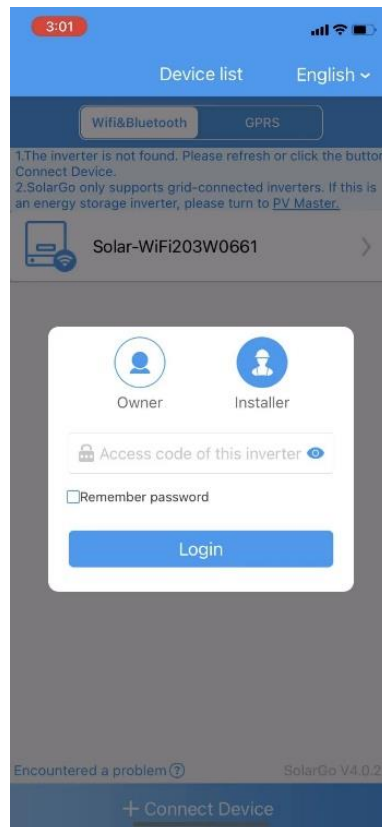1. Connect iphone/ipad to inverter wifi.
   The wifi name from inverter shall be Solar-WiFi with last 8 digital numbers/letters of inverter referring to sample below. The default wifi password is 12345678 .
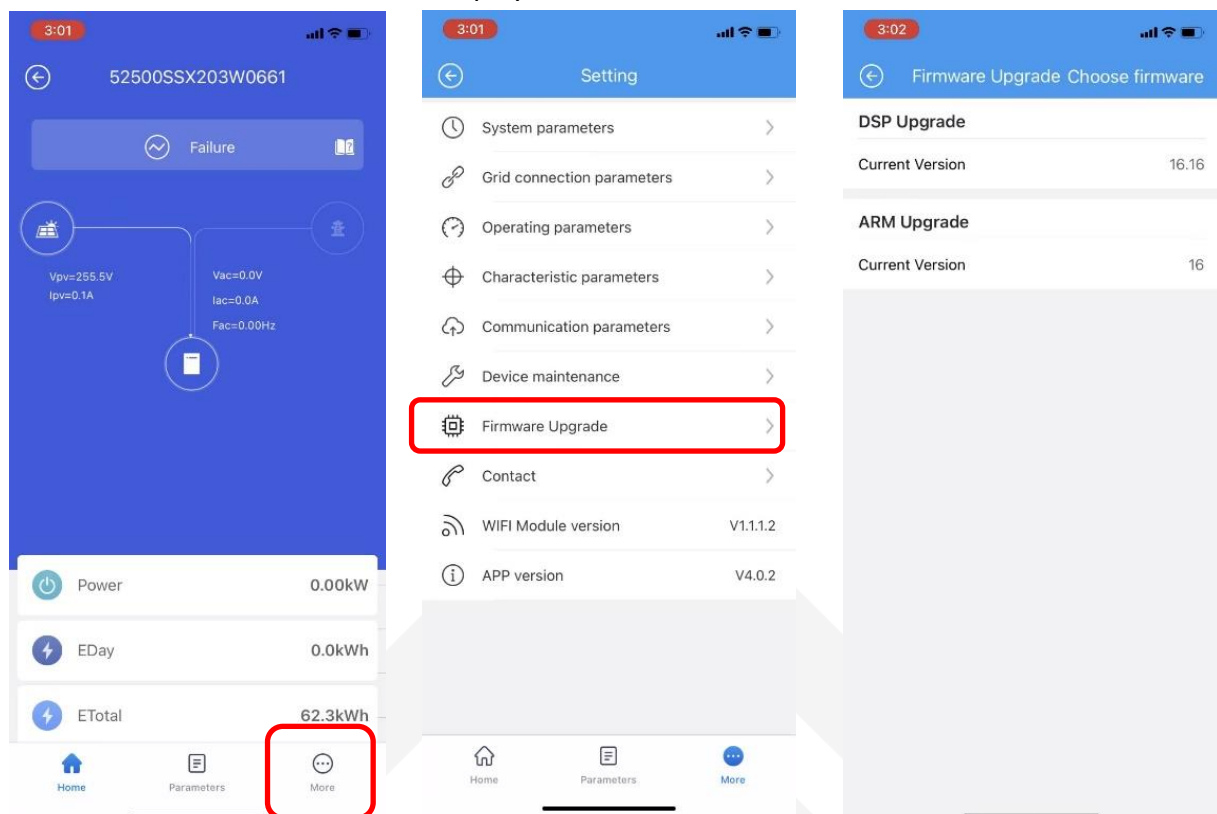

2. **IOS users** need to upload the firmware to SolarGo firstlu. Following the step below.
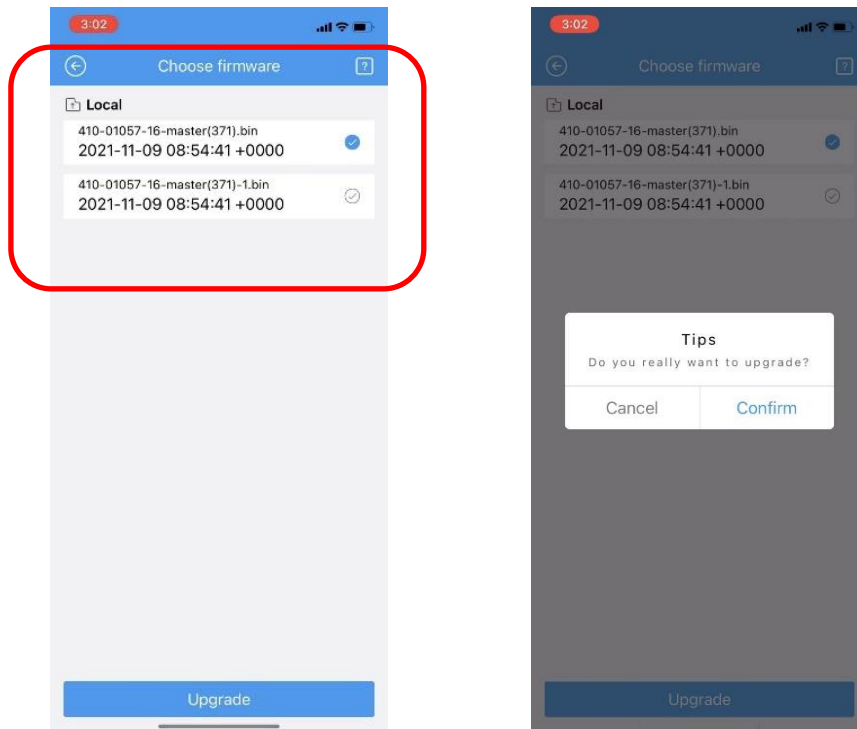   select the firmware > share file > click 'more' > select SolarGo

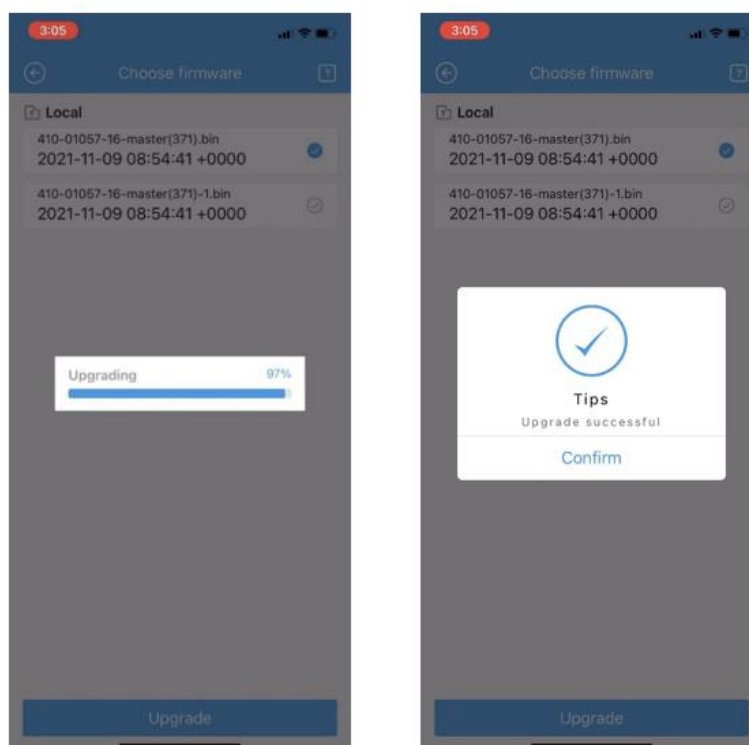3. Open the SolarGo App, please select installer account with default password: 1234 to login.

4. Please choose 'More' to enter the setting list > click 'Firmware Upgrade' > current firmware version can be displayed as well. DSP and ARM firmware.

5. Process interface of 'Choose firmware' by selecting the right firmware and click Confirm to uploading firmware.
    App will pop out warning if the firmware version does not match with inverter model.

6. The upgrade will last for several minutes. Please wait until it displays 'Upgrade successful'.
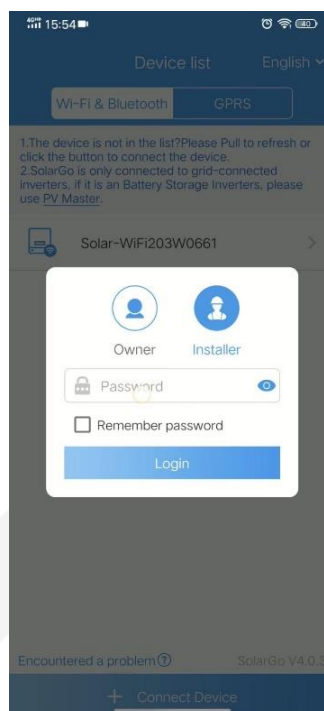
Note: During the firmware upgrading process, inverter screen will show 'FW upgrading'. It will take 10-15mins until the inverter FW upgrading disappear. The new firmware can be checked on screen afterwards.

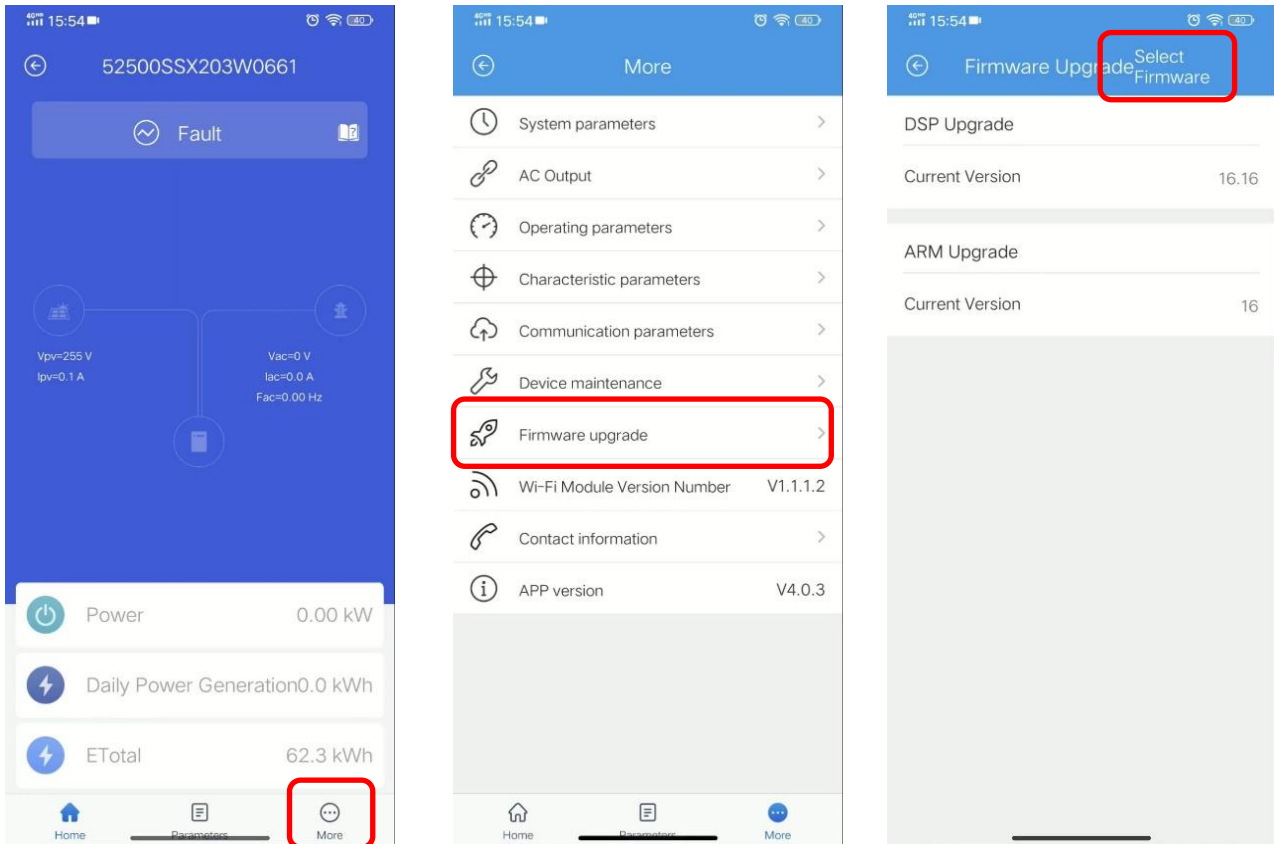## B. Onsite upgrading by using Android System：

1. Connect iphone/ipad to inverter wifi.

The wifi name from inverter shall be Solar-WiFi with last 8 digital numbers/letters of inverter referring to sample below. The default wifi password is 12345678 .
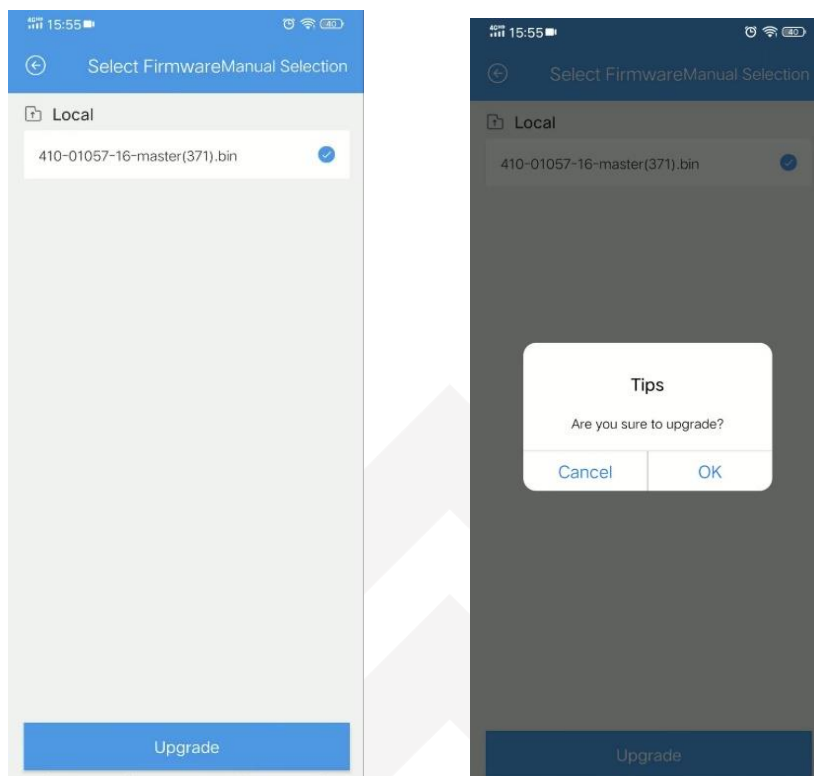
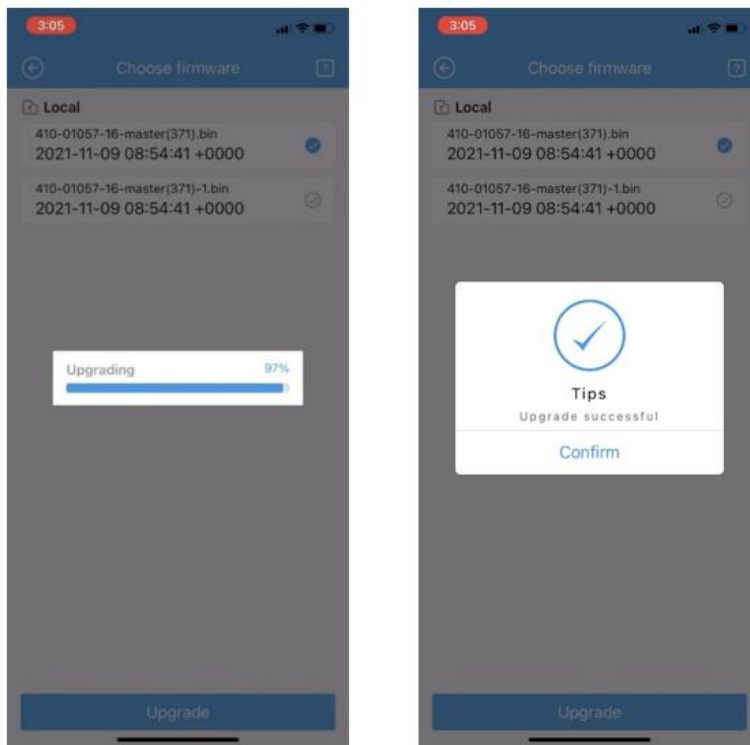Open the SolarGo app and login to Installer account with password: 1234

2. Click 'More' > Select 'Firmware Upgrade' > The current version of DSP and ARM displayed > Click 'Select firmware'.

3. Click 'Manual Selection' to find the firmware file where saved the file. Then choose it and click 'Upgrade'.

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

Note: During the firmware upgrading process, inverter screen will show 'FW upgrading'. It will take 10-15mins until the inverter FW upgrading disappear. The new firmware can be checked on screen afterwards.

Please contact with Goodwe Australia local team if there is any issue during the firmware upgrading.

Goodwe Australia Pty Ltd

Where the sun shines there is GoodWe