## Local Firmware Upgrade via iSolarCloud

Sungrow latest Wi-Fi modules Wi-Fi V312 / Wi-Net can make the firmware upgrade easy. This instruction demonstrates how to use APP **iSolarCloud** with a Wi-Fi module to locally upgrade the firmware for inverters / communication modules.

## Preparation

- A Wi-Fi V24/V25/V31 module or Wi-Net Dongle
- A smart phone with **iSolarCloud** APP (Android or iPhone)

## Firmware Upgrade

To download the new firmware files, login to iSolarCloud APP. Click on "**More**" on the bottom right corner and select '**Firmware download**' (Figure 1). A list of options will appear. The relevant inverter / communication module and downloaded files can be found using the buttons on the top right corner.

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8 Profile	
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Figure 1 Firmware List

Click on the corresponding firmware from the list and press the download button on the file. A message on the bottom of the screen will be displayed once the firmware file is downloaded succeed.

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< BACK	Q ±
FIRMWARE DOWNL	OAD
Please select the device mod the firmware	del before downloading
Current: Inverter	V
SG9.0RS	
SG8.0RT	
SG8KTL-M	
SG8K3-D	
SG8K-D	
SG80KTL-M	
SG80KTL	
\$08.0RS	
SG7K8-D	
SG7K5-D	
SG7K-D	
SG75TX	
SG75CX	
S07.6RS-US	
SGZORT	
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Figure 2 Firmware List

Figure 3 Firmware File

To filter between firmware for various inverters and communication modules, use the filter option and then select the relevant type (Figure 4 & 5).

- Inverter Grid-Connected Inverters
- Energy Storage System Hybrid Inverters
- Data Logger Loggers
- **Communication Module** Wi-Fi Dongles

Сваск	$\downarrow$	<	BACK	
	_		FILTER	
HRMWARE DOWNLOAD			Device Type	
Please select the device model before downlo the firmware	ading		Inverter	0
Current: Inverter	$\nabla$		Data Logger	
SCO ORS			Energy Storage System	
553.583			Communication Module	
SG8.0RT				



Figure 5 Firmware File

After the firmware file download is completed, it must be uploaded by logging in to the inverter through local access. For a detailed guide on local access methods, please click below.

• Local Access Methods Guide

GD\_202105\_All\_Local Firmware Upgrade via iSolarCloud\_V1.1

Change the Wi-Fi network on your mobile phone from your home network to the Sungrow inverter network (network starting with SG). Open iSolarCloud app again and click 'Local Access'  $\rightarrow$  select WLAN access  $\rightarrow$  enter the 'user' for the account and "pw1111" for the password  $\rightarrow$ click 'Login'. (Figure 4).

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Settings	
Home Fault	More

Figure 6 Local Access

Now click on the '**More**' button located on the bottom right corner of the iSolarCloud APP (Figure 7) and Select '**Update firmware**' (Figure 8).

utl amaysim 🗢	15:12 SG10KTL-M SN:A1810071474	8 8 60%
Fault shutdown		
0 W		0
		M
Current power		0
Power installed		10.0 kW
Yield today		0.0
Total yield		8 kWh
Home	Chart	More
Figure	7 Local	Access

Successfully

After that, it will display the firmware zip file. Select the corresponding firmware file and click on the '**Confirm**' button (Figure 7). Please wait about 10 to 15 minutes for the firmware upgrade.

< BACK SELECT FIRMWARE	< Firmware Update	FIRMWARE UPDATED
WINET_BOO3VOOD.POO3.zip WINET-5	LOO% Firmware is being updated	Old Version: WINET-SV200.001.00.P001 New Version: WINET-SV200.001.00.P003 Update Time: 2021-05-11 09:01:57
		COMPLETE
Figure 9 Upload Firmware	e Figure 10 Firmware Upgrade	Figure 11 Upgrade

It will display the part number before and after the update, which can help ensure the correct files have been used to update.

If the firmware upgrade fails, please restart the system (e.g. turn off the inverter and the battery) and then update the file again.

Regardless of the update percentage, do not quit the app or disconnect from the SG Wi-Fi until the app indicates that the upgrade is complete (Figure 11).

Click here to watch the instruction for upgrading the firmware via iSolarCloud app.

If the issue persists after following above procedures, please take photos testing on site and contact Sungrow Service Department on 1800 786 476 or email to service@sungrowpower.com.au.