



## Meter Firmware Update Via Web interface

### Preparation:

1. Check the meter boot version if that is FP00301606 or above from the about information page.

2

1

3

Setting	Value
Meter Model	Acuvim-EL-D-333mV, V4p1
Meter Serial Number	CLD52402180
Meter Firmware Version	v6.21
Device Description	
Module Model	AXM-WEB2
Module Serial Number	AN18070834
Module Hardware Version	v1.04
Module Firmware Version	v1.26
Ethernet 1 MAC Address	EC:C3:8A:21:0B:46
Ethernet 2 MAC Address	EC:C3:8A:21:0B:47
WiFi MAC Address	00:25:CA:3B:BC:87
Meter Channel 1 Address	2
Meter Channel 2 Address	1
Seals Status	Open
Meter Boot Version	FP00301607
Disk Usage	11.691%
eMMC health status	Abnormal

If the Meter Boot Version is lower than FP00301606, please use Acuvim 1 or 2 software or USProgram.

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## Procedure

Step 1: Click on “settings”, and then click “Meter Firmware”.

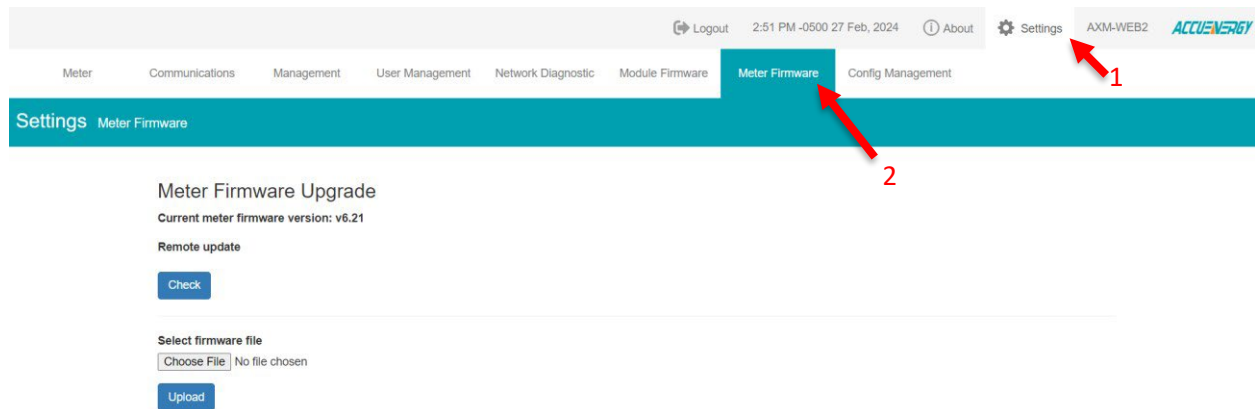


Figure 1

Step 2: Click “Choose File” as show in figure 2, the target file will load as figure 3

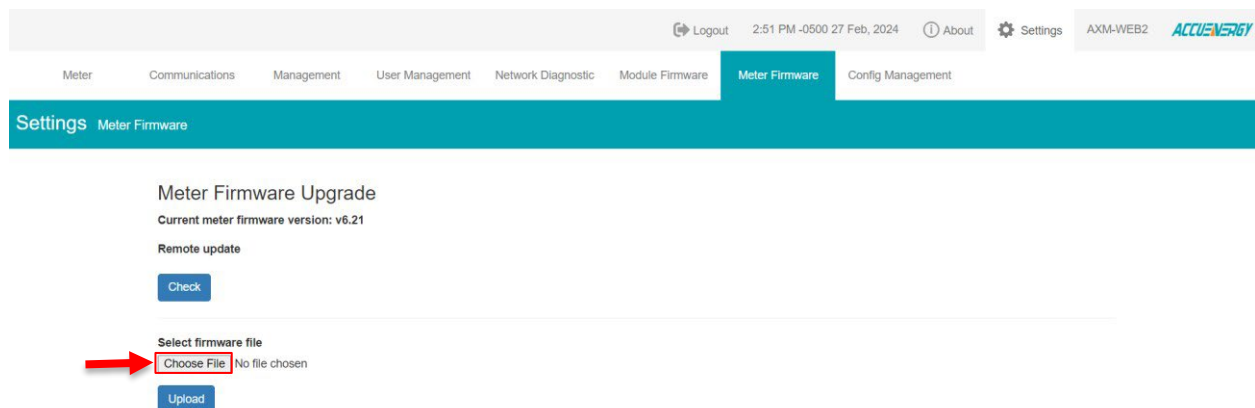


Figure 2

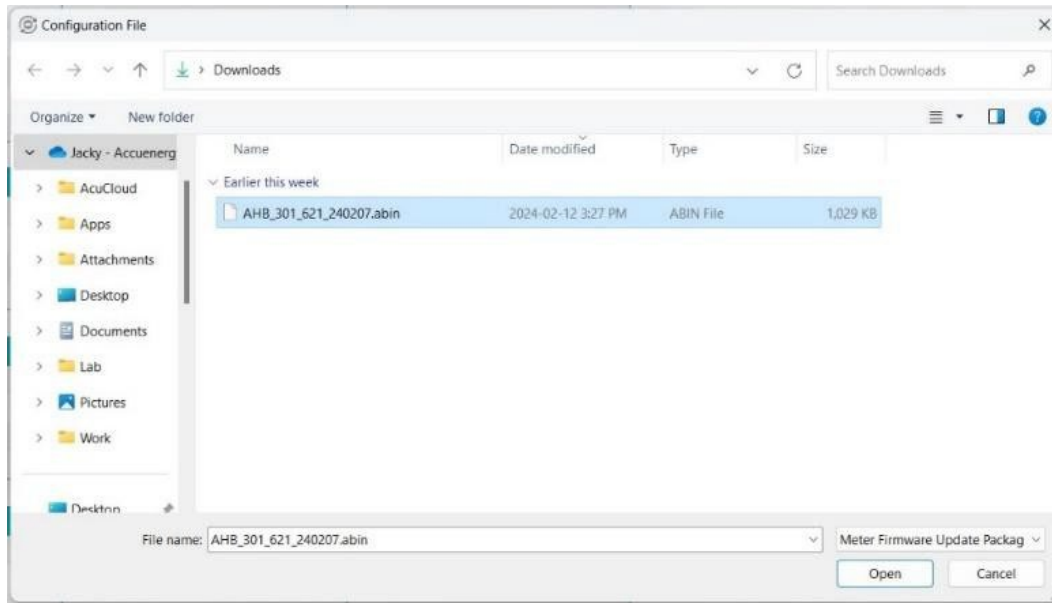


Figure 3

Locate the file in the appropriate folder.

**NOTE:** In the case above, the file name is: AHB\_301\_621\_240207.bin

Select the file and click “Open”.

The file name appears as show below:

**Settings** Meter Firmware

## Meter Firmware Upgrade

Current meter firmware version: v6.21

Remote update

[Check](#)

Select firmware file

[Choose File](#) AHB\_301\_6...240207.abin

[Upload](#)



Step 3: After the file name appears, click “Upload”. Wait for a few second the window “Firmware file has been successfully uploaded!” shows and click “OK”.

**Settings** Meter Firmware

### Meter Firmware Upgrade

Current meter firmware version: v6.21

Remote update

Check

---

Select firmware file

Choose File AHB\_301\_6...240207.abin

Upload

**Firmware file has been successfully uploaded!**

OK

Step 4: The interface below should be shown and click “Process”. And the process will start as shown as figure 4.

### Meter Firmware Upgrade

Current meter firmware version: v6.21

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Firmware file ready for processing

**Ready to upgrade**

Your file was successfully uploaded. Click Process to begin upgrade

Process Cancel



## Meter Firmware Upgrade

Current meter firmware version: v6.21

Updating firmware, please wait ...

Firmware upgrade in progress

Please note, this may take several minutes to complete

*Notice: Please do not refresh or leave the page until the upgrade is complete*

*Notice: Rebooting or disconnecting the meter can cause upgrade failure and activate Emergency Mode, in which repeat the process to recover*

Upgrading Progress

Hide Details

```
parseFirmware 0, _mbinLen 0x100000
status 0, numFailure 0
rebootModbusSlave 0
status 1, numFailure 0
configSerial to 9600 bps 0
doCmdRequestToProgram 0
configSerial to 38400 bps 0
doCmdSetupConnection 0
status 2, numFailure 0
write firmware file 17.53%
```

Figure 4

After the update is successful, the meter will reboot and go back to login page. The System rebooting will show as figure 5 and please wait until the reboot is done and you will be able to click “OK” as shown as figure 6.

Confirmation

System rebooting ...

OK

Sign in to continue

User Name\*

Enter User Name

Password\*

Enter Password

Sign in

SSL Certificate

Figure 5



Confirmation  
Reboot completed

OK



Sign in to continue

User Name\*

Enter User Name

Password\*

Enter Password

Sign in

SSL Certificate 

Figure 6