

AcuRev 2100 Firmware Update

The Module Firmware web page is used for updating the firmware version on the AcuRev 2100. The user can check if the module they are using is up to date and update the module if needed using the remoter firmware update. Users can also manually update the firmware by uploading the firmware file. The current version of the firmware will be displayed on the Module firmware update page and can also be viewed on the 'Device Information' page of the web interface.

There is an Auto Firmware Update feature available also, this allows users to update the module automatically without manually going into the webserver and performing the update.

NOTE: Users can also contact Accuenergy Technical Support for the latest firmware.

[Meter](#) [Communication](#) [Management](#) [Network Diagnostic](#) **Firmware** [Config Management](#)

Firmware

Remote Update
Current version: v1.00
[Check](#)

Manual Update
Firmware Update File*
 [Browse](#)
[Upload](#)

Manual Update

Select and upload the AcuRev 2100 firmware file, it is a .a2up file extension.

[Meter](#) [Communication](#) [Management](#) [Network Diagnostic](#) **Firmware** [Config Management](#)

Firmware

Remote Update
Current version: v0.03
[Check](#)

Manual Update
Firmware Update File*
 [Browse](#)
[Upload](#)

Once the upload was successfully uploaded you will see the following page confirming that the file was uploaded.

Manual Update

Firmware Update File*

ACUREV2100-WEB2-v1.00.a2up

Browse

15%



Click 'Process' to begin the update.

Manual Update

Firmware file is ready for processing

Ready to update

Your file was successfully uploaded. Click 'Process' to begin update

Process

Cancel

The meter will reboot itself after the update.

Firmware update success, module will restart in 5

[Meter](#) [Communication](#) [Management](#) [Network Diagnostic](#) **Firmware** [Config Management](#)**Firmware**

```
*****Start update*****
checking if file exist
check if file exist complete
start decrypting and validating firmware update package
decrypting...
validating...
succesfully decrypting and validating firmware update package /opt/data/firmware/ACUREV2100-WEB2-v1.00.a2up
getting current root device
get current root device complete
getting update part
get update part complete
getting update device
get update device complete
formatting update device
format update device complete
creating symlink for the update process
creating symlink complete
getting update part
get update part complete
installing rootfs
extracting files
install rootfs complete
copying system files
copy system files complete
comparing perm dir files
compare perm dir files complete
adjusting fw utils for eMMC
adjust fw utils for eMMC complete
setting env for new rootfs
set env for new rootfs complete
firmware update success
END OF FILE
```

Login to the web interface of AcuRev 2100 after the reboot is complete, and go to the 'About' page to check if the module firmware version is updated.

Remote Update

Users can also use the remote firmware server to update the module firmware. Click on 'Check' to verify if there is a firmware update available.

[Meter](#) [Communication](#) [Management](#) [Network Diagnostic](#) **Firmware** [Config Management](#)**Firmware****Remote Update**

Current version: v0.03

[Check](#)

If there is an update available users can proceed to download the firmware.

Remote Update

Update Available

Current version: v0.03

Latest version: v1.02

Update detail: <https://www.accuenergy.com/firmware>

Proceed

Once the download is complete the updating process will begin.

Remote Update

Update Available

Current version: v0.03

Latest version: v1.02

Update detail: <https://www.accuenergy.com/firmware>

14%

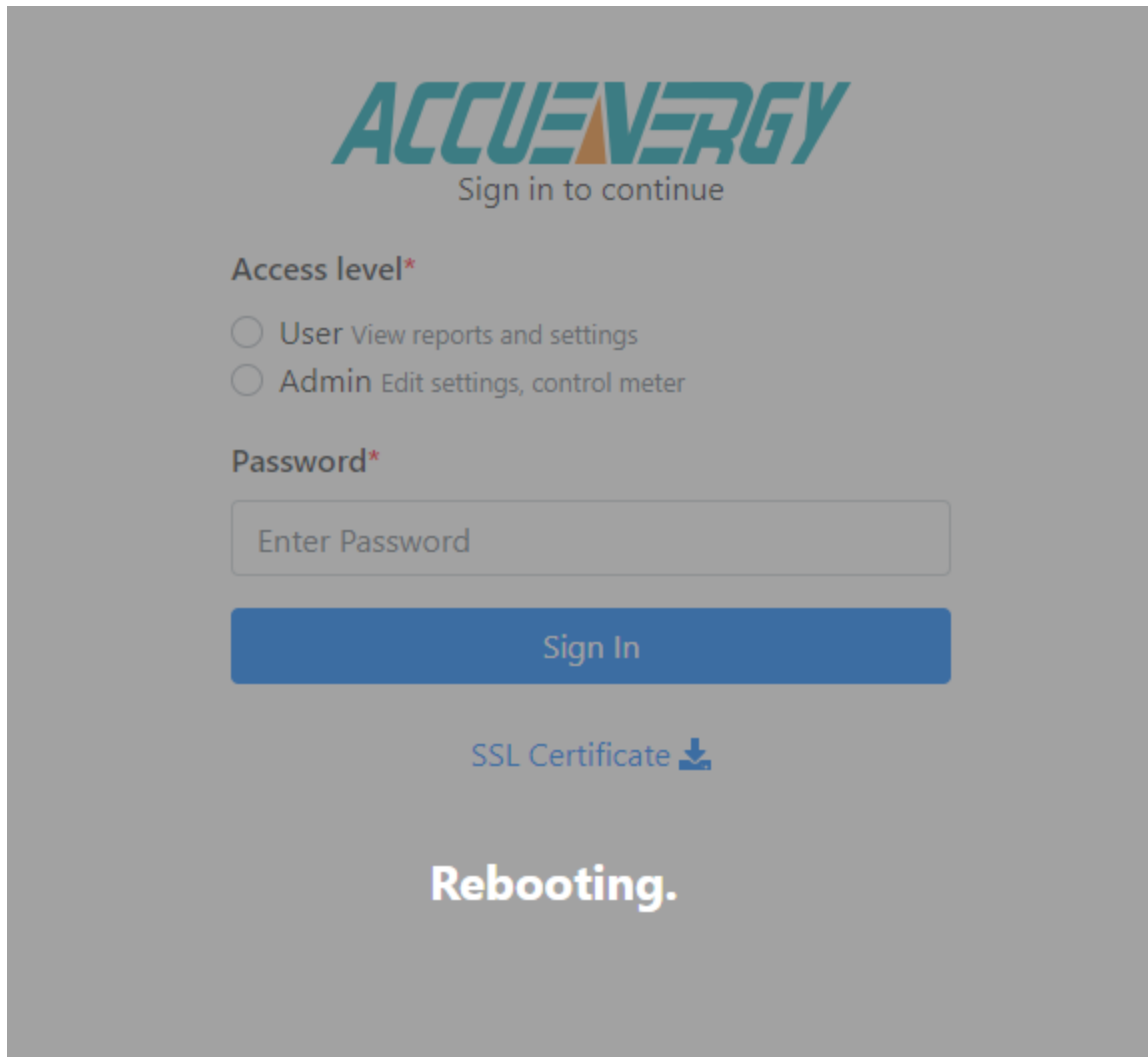


Meter Communication Management Network Diagnostic **Firmware** Config Management

Firmware

```
*****Start update*****
checking if file exist
check if file exist complete
start decrypting and validating firmware update package
decrypting...
validating...
succesfully decrypting and validating firmware update package /opt/data/firmware/ACUREV2100_WEB2-v0.03.a2up
getting current root device
get current root device complete
getting update part
get update part complete
getting update device
get update device complete
formatting update device
format update device complete
creating symlink for the update process
creating symlink complete
getting update part
get update part complete
installing rootfs
extracting files
```

When the firmware update is complete, the module will reboot. The rebooting process will take 1-2 minutes to complete.

The image shows a login interface for Accuenergy. At the top is the Accuenergy logo with the tagline "Sign in to continue". Below this is a section for "Access level*" with two radio button options: "User View reports and settings" and "Admin Edit settings, control meter". Underneath is a "Password*" section with a text input field labeled "Enter Password" and a blue "Sign In" button. Below the button is a link for "SSL Certificate" with a download icon. At the bottom, the word "Rebooting." is displayed in a large, bold, white font on a dark background.

ACCUEVERGY
Sign in to continue

Access level*


☐ User View reports and settings

☐ Admin Edit settings, control meter

Password*

Enter Password

Sign In

SSL Certificate 

Rebooting.

After the module reboots, users will be able to log back into the web interface. When logged in click on the 'About' tab located on the top right corner of the web page to view the 'Device Information' page. From the Device Information page, users can ensure that the meter was updated correctly to the right firmware version.