

ForestMiner

Forest EPU 1-C

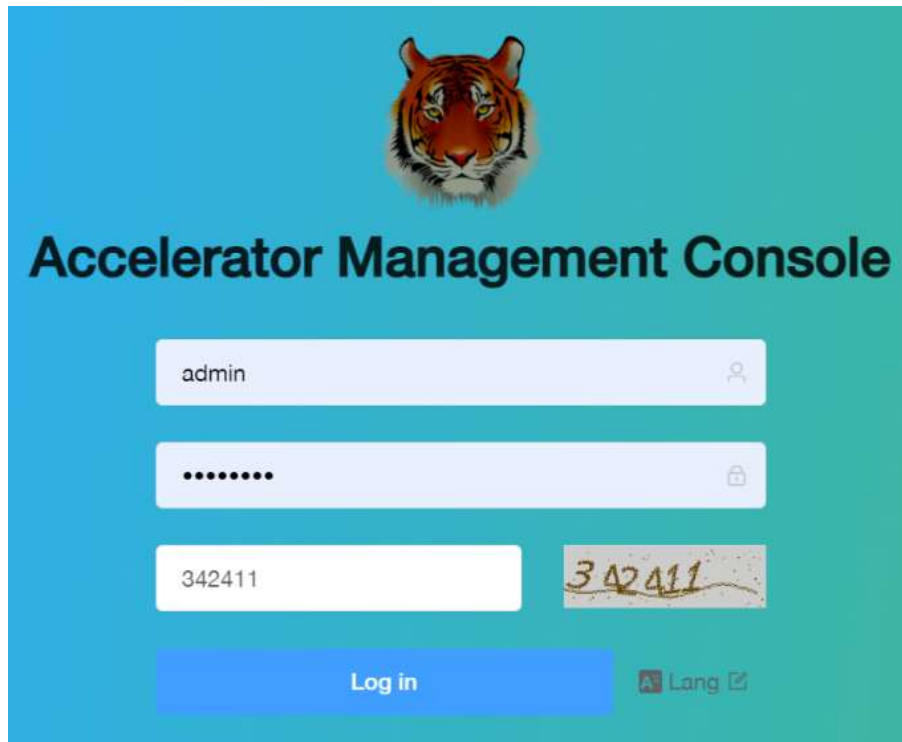
ETC Firmware Upgrade Guide

9/14/2022

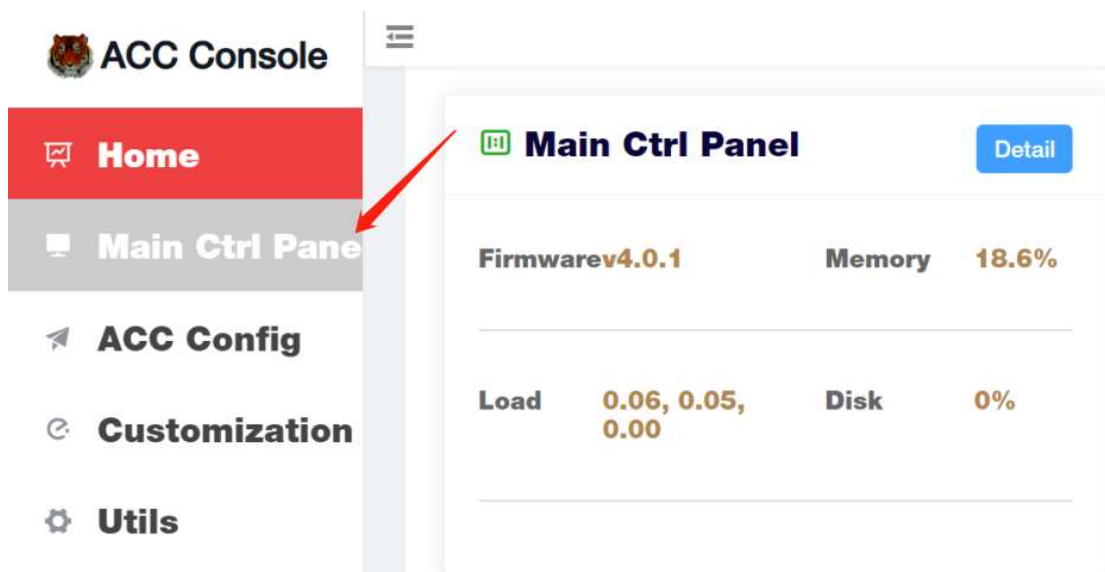
An abstract background pattern consisting of numerous overlapping, semi-transparent blue triangles of various sizes and shades, creating a complex, crystalline or low-poly effect. The pattern is denser and more vibrant in the bottom right corner, fading into a lighter blue and white gradient towards the top left.

1 . Upgrade ETC Firmware

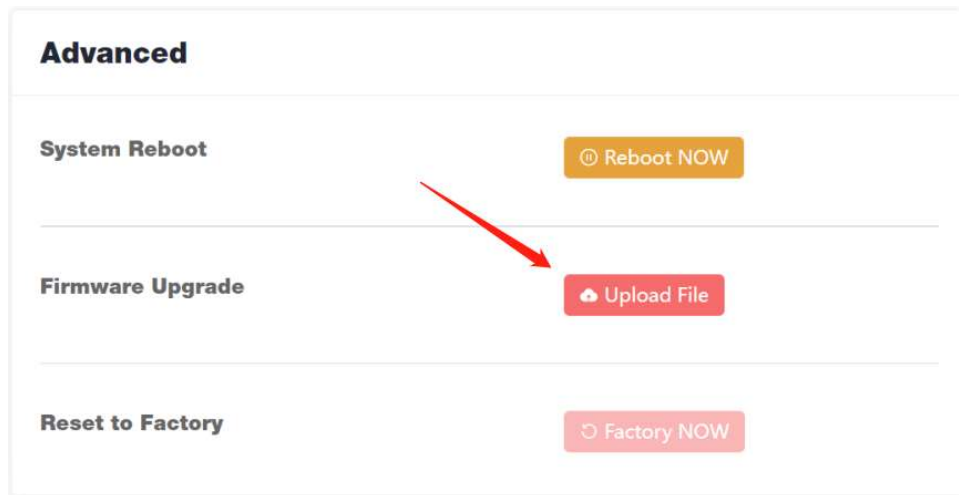
1. Log into the Forest EPU 1-C you want to upgrade by IP address, the default ID is admin, and the default password is admin123.



2. After logging into the console, click the 'Main Ctrl Panel' button.



3. You are now on the **'Main Ctrl Panel'** page, scroll down and find the **'Upload File'** button and click it.



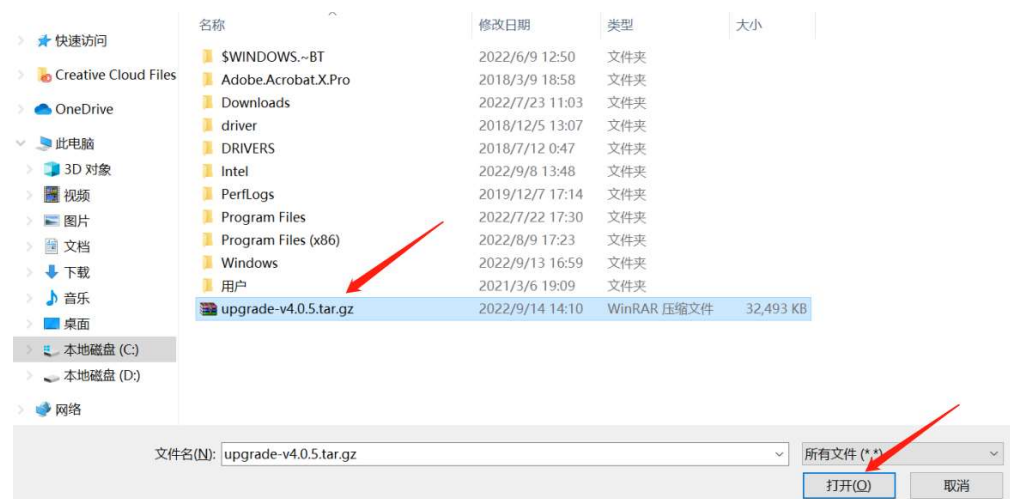
4. Click the **'Upload A File'** button, select the ETC firmware file, and press **'Open'**. If you don't have ETC firmware, please contact us at support@forestminer.io or join our Telegram group.

Firmware Upgrade

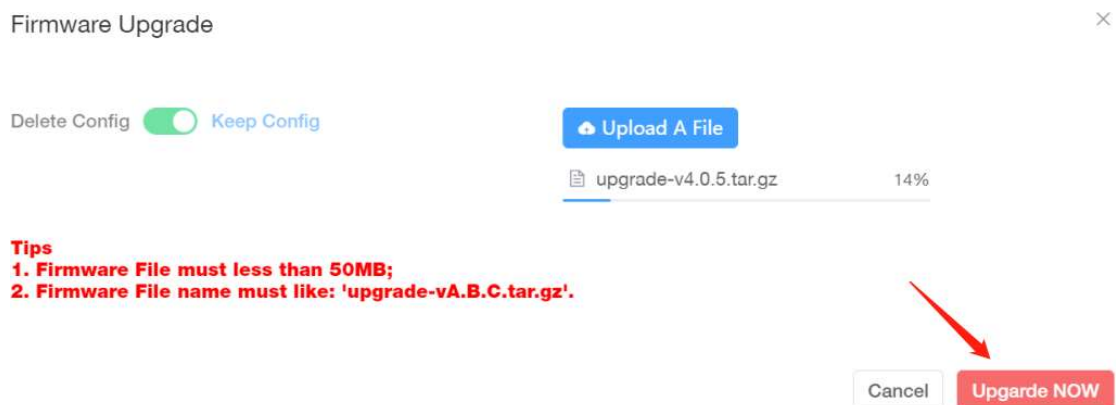


Tips

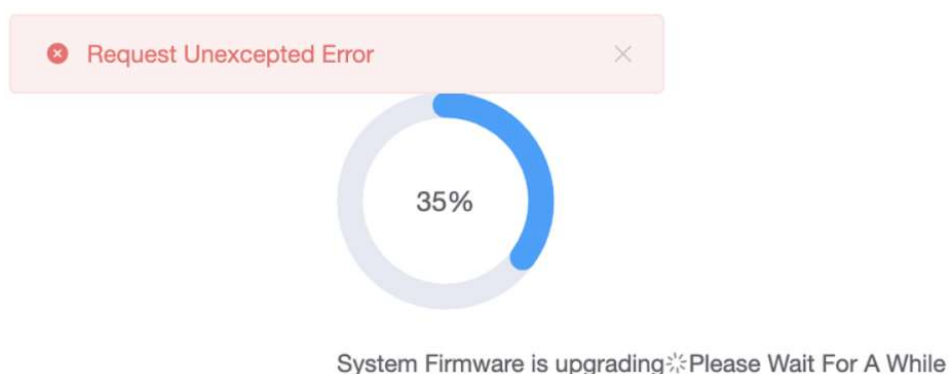
1. Firmware File must less than 50MB;
2. Firmware File name must like: 'upgrade-vA.B.C.tar.gz'.



5. After selecting the ETC firmware to upgrade, click the **'Upgrade Now'** button. Then your computer will start uploading the ETC firmware to the Forest EPU 1-C and the upload progress will be displayed on the screen. If the upload fails, it may be because the network connection between your computer and this machine is not good enough, you can connect this computer with the Forest EPU 1-C using an Ethernet cable and try again.



6. After the ETC firmware is successfully uploaded to the Forest EPU 1-C, it will automatically jump to a new page which means the unit started upgrading, please ignore if there is a sign **'Request Unexpected Error'**. The whole process takes about 3 minutes, please keep the power supply stable during this process.



7. Wait for 3 minutes, after this machine has upgraded and restarted itself, access and log into the Forest EPU 1-C by the same IP address and you can see the firmware version is **V4.0.5**, which means the upgrade is succeeded, now we can start configuring ETC mining.

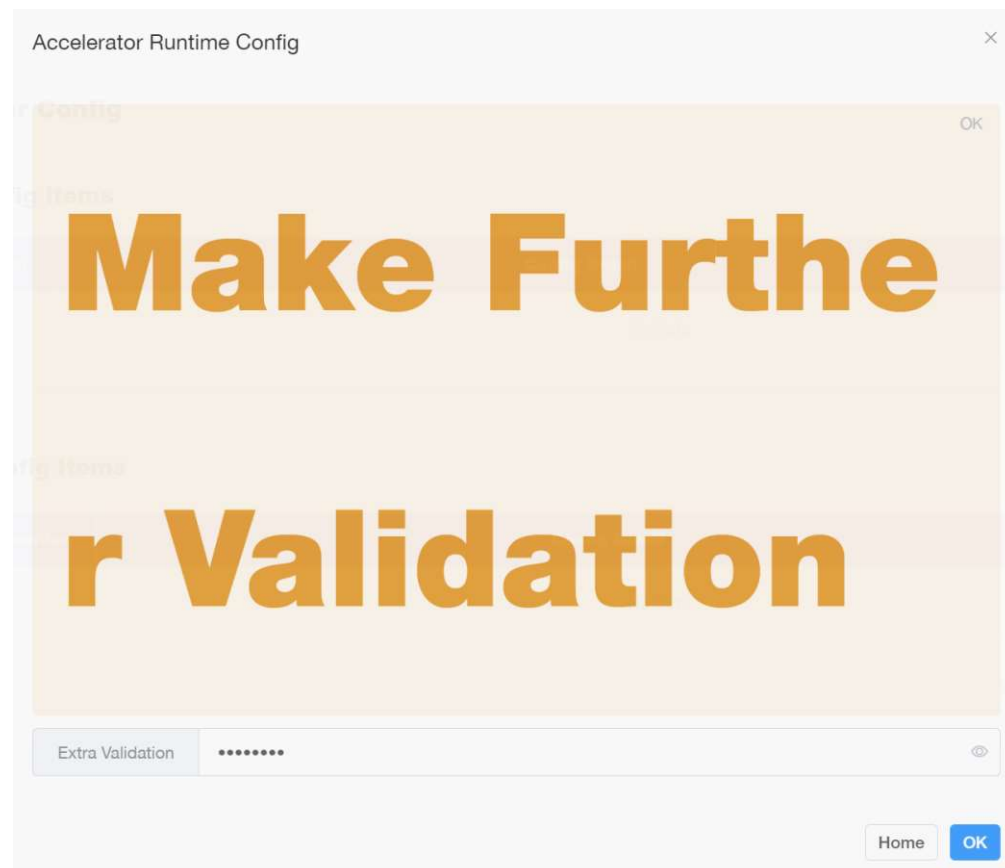
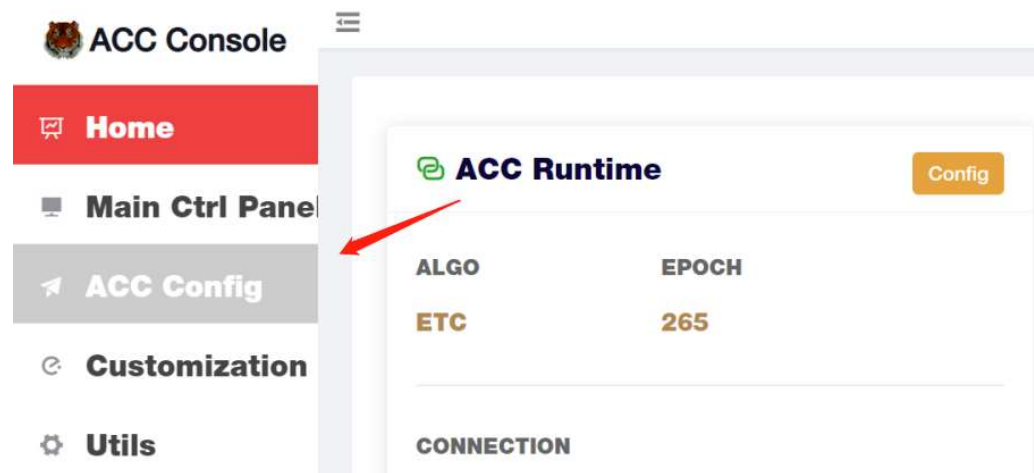
The screenshot displays the ACC Console web interface. On the left is a sidebar with navigation links: Home (highlighted in red), Main Ctrl Panel, ACC Config, Customization, and Utils. The main content area has two panels. The top panel, 'ACC Runtime', shows 'ALGO' as 'ETC' and 'EPOCH' as '265'. Below this, the 'CONNECTION' section displays a long alphanumeric string. The bottom panel, 'Main Ctrl Panel', shows 'Firmware' as 'v4.0.5' (indicated by a red arrow), 'Memory' as '18.2%', 'Load' as '0.16, 0.07, 0.01', and 'Disk' as '0%'. Both panels have 'Config' and 'Detail' buttons respectively.

ACC Runtime			
ALGO	EPOCH		
ETC	265		
CONNECTION			
stratum1+tcp://0x633116331163311633116331163311633116331163311.000@192.168.50.42:63311			

Main Ctrl Panel			
Firmware	v4.0.5	Memory	18.2%
Load	0.16, 0.07, 0.01	Disk	0%

2 . Configuring ETC Mining

1. After logging into the console page, click the **'ACC Config'** button. If you have a long time haven't logged into this machine, you will need to fill in a captcha code, the code is admin123.



2. You are now on the '**Accelerator Config**' page, click '**Add HISTORY Config Items**' in the upper right corner.



3. Select '**ETC**' in the '**ALGO**' drop-down menu, if you want to continue mining ETH, please select '**ETH**'.

Create History Config Item ×

* ALGO

* SCHEME

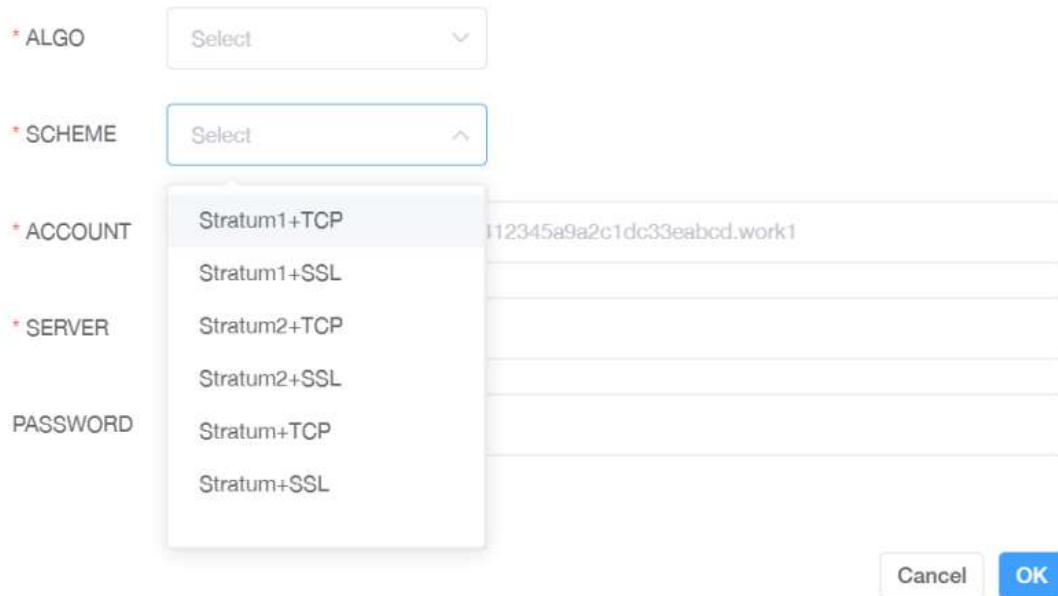
* ACCOUNT

* SERVER

PASSWORD

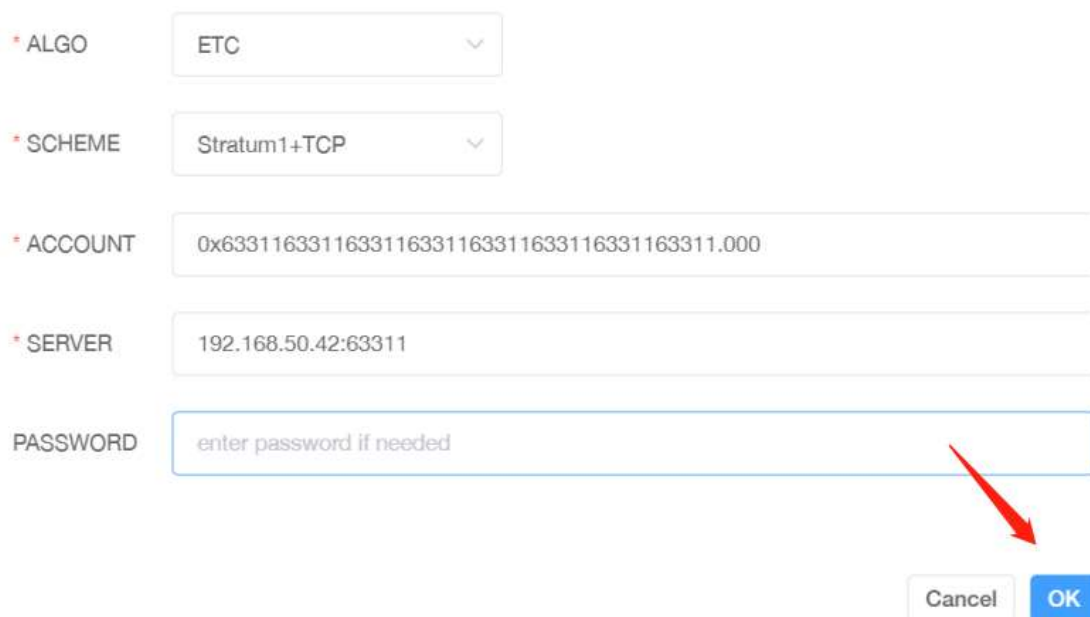
4. Selete the correct Stratum in the '**SCHEME**' drop-down menu.

Most of pools Stratum is '**Stratum1+TCP**'. if you don't know your pool's stratum, please contact customer service of the pool you are using.



A screenshot of a configuration form. The form has five rows: *** ALGO** (dropdown), *** SCHEME** (dropdown), *** ACCOUNT** (text input), *** SERVER** (text input), and **PASSWORD** (text input). The *** SCHEME** dropdown menu is open, showing a list of options: **Stratum1+TCP** (highlighted), **Stratum1+SSL**, **Stratum2+TCP**, **Stratum2+SSL**, **Stratum+TCP**, and **Stratum+SSL**. The *** ACCOUNT** text input contains the text "12345a9a2c1dc33eabcd.work1". At the bottom right, there are two buttons: **Cancel** and **OK**.

5. Fill your worker setting into the '**ACCOUNT**' row, and fill your pool server address into the '**SERVER**' row, then press '**OK**'.



A screenshot of the same configuration form, now with fields filled. The *** ALGO** dropdown is set to **ETC**. The *** SCHEME** dropdown is set to **Stratum1+TCP**. The *** ACCOUNT** text input contains the text "0x633116331163311633116331163311633116331163311.000". The *** SERVER** text input contains the text "192.168.50.42:63311". The **PASSWORD** text input contains the text "enter password if needed". At the bottom right, there are two buttons: **Cancel** and **OK**. A red arrow points to the **OK** button.

6. After adding your settings, now you can see it on the **'History Config Items'** table.




Accelerator Config

HISTORY Config Items

NO.	Algorithm m	Config Detail
1	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311
2	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311

7. Please note that Forest EPU 1-C cannot have both ETH and ETC mining settings in the **'CURRENT Config Items'** table, so please click **'Clear All'** and **'OK'** before adding your mining settings to **'CURRENT Config Items'** table.

CURRENT Config Items

Conn NO.	Algorithm m	Config Detail	Operation
#1	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	 Delete
#2	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	 Delete
#3	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	 Delete

 Clear All

 Reboot NOW

Warning



Are you sure to clear all?

Cancel

OK

8. After Clearing the mining settings in the **'CURRENT Config Items'**, you can now add the mining settings you want by clicking the **'Add into Current Config'** button on the right of the **'HISTORY Config Items'** table.

Accelerator Config

HISTORY Config Items				Add HISTORY Config Items
NO.	Algorithm	Config Detail	Operation	
1	ETC	stratum1+tcp://0x63311633116331163311633116331163311.000@192.168.50.42:63311	↓ Add into Current Config Delete	
2	ETC	stratum1+tcp://0x63311633116331163311633116331163311.000@192.168.50.42:63311	↓ Add into Current Config Delete	
3	ETH	stratum1+tcp://123@123	↓ Add into Current Config Delete	

9. Now you can see the mining settings are in the **'CURRENT Config Items'** table.

CURRENT Config Items				× Clear All ⏻ Reboot NOW
Conn NO.	Algorithm	Config Detail	Operation	
#1	ETC	stratum1+tcp://0x63311633116331163311633116331163311.000@192.168.50.42:63311	Delete	
#2	ETC	stratum1+tcp://0x63311633116331163311633116331163311.000@192.168.50.42:63311	Delete	
#3	ETC	stratum1+tcp://0x63311633116331163311633116331163311.000@192.168.50.42:63311	Delete	

10. Lastly, click 'Reboot NOW' and 'OK'.

CURRENT Config Items

× Clear All ⌂ Reboot NOW

Conn NO.	Algorithm	Config Detail	Operation
#1	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	Delete
#2	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	Delete
#3	ETC	stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311	Delete

WARN ×

Are you sure to REBOOT?

Cancel OK

11. After restarting, you can see the 'ALGO' on the front page of this Forest EPU 1-C is 'ETC' which indicates this unit is now mining ETC, Congratulations!

ACC Runtime Config

ALGO	EPOCH
ETC	265

CONNECTION

stratum1+tcp://0x6331163311633116331163311633116331163311.000@192.168.50.42:63311

Perf [SN8175847798305BBF30]

2.458G

Main Ctrl Panel Detail

Firmware	v4.0.1	Memory	18.4%
Load	0.12, 0.07, 0.01	Disk	0%

Max Temperature of Chips(°C)

CARD #0	CARD #1
Max: 79.5 °C	Max: 81.4 °C