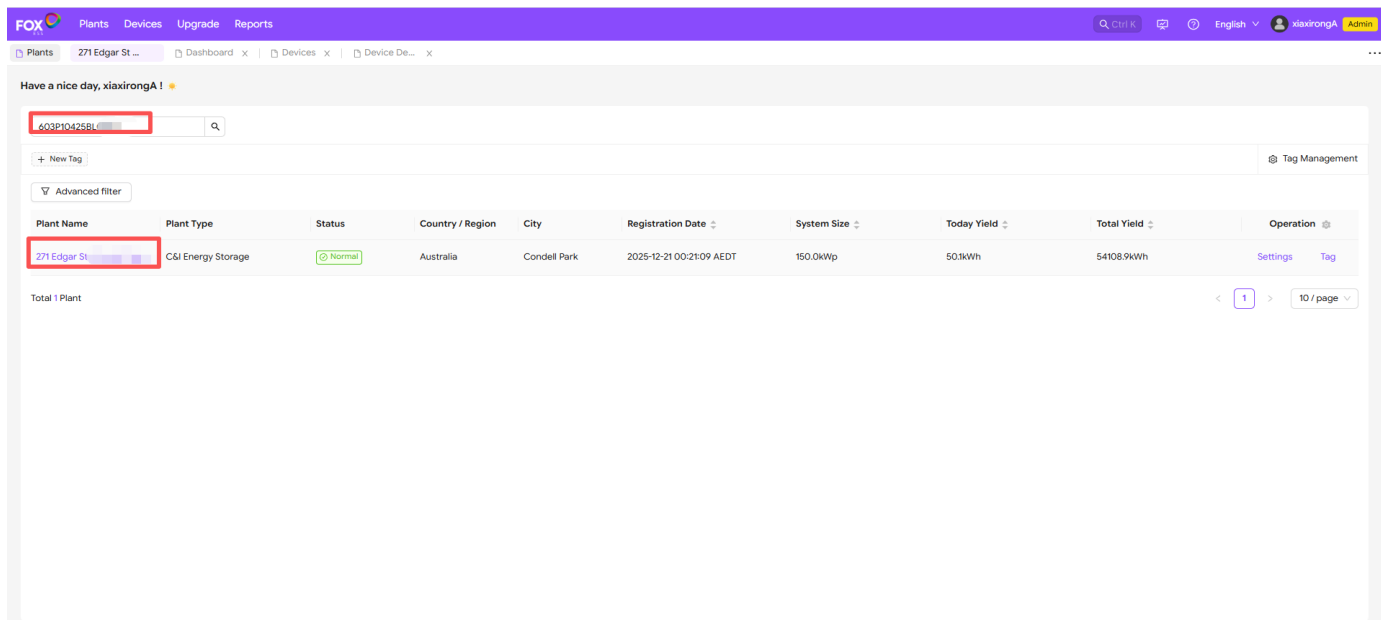


# Advanced Configuration Guide H3-Plus

1. Please log in your FoxCloud account by the website(<https://www.foxesscloud.com/V2/login>)



2. Please enter the inverter SN and search, then click the plant name..



Then, interface will jump to the station information page. Then click **\*\*Device\*\*** on the left side, select advanced settings page via **\*\*Advanced Setting\*\***



## ← Advanced Settings

Setting

SystemTime

Country

ExportLimit

AC-Couple

WorkMode

EnergyManagement

ChargingTime

PeakShaving

Generator

PowerFactor

SaftyStartParameters

Volt-Var

Volt-Watt

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

1 After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

\* Boot/Shutdown:

Boot



\* Country/Region:

AS4777\_AU-2020A



Edit

3. Select the Country code, it includes AS4777\_AU-2020A/ AS4777\_AU-2020B/ AS4777\_AU-2020C/ AS4777\_NZ-2020

← **Advanced Settings**

Setting

SystemTime

**Country**

ExportLimit

AC-Couple

WorkMode

EnergyManagement

ChargingTime

PeakShaving

Generator

PowerFactor

SaftyStartParameters

Volt-Var

Volt-Watt

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

Advanced(ProtectR

After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

\* Boot/Shutdown:

Boot

▼

\* Country/Region:

AS4777\_AU-2020A

▼

Cancel

**Save**

## 4. change 10m protect voltage

Please select **Advanced(GridImbalanceProtection)** and change Vgrid10minPro to 112%.

← Advanced Settings

PeakShaving

Generator

PowerFactor

SaftyStartParameters

Volt-Var

Volt-Watt

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

Advanced(ProtectR...

Advanced(Ileak&DCI)

Advanced(Islanding...

Advanced(String&P...

Advanced(GlobalM...

Advanced(ActivePo...

Advanced(Others)

Advanced(OPU&UP...

1

After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

\* GridImbalanceProtection:

Disable

▼

\* GridImbalanceProtectionValu

40.00

( 0~200 )%

e:

\* GridImbalanceProtectionTime:

6.00

( 0.1~600 )s

\* 10minOverVoltageProtectEnabl

Enable

▼

e:

\* 10minOverVoltageProtectionVal

112.17

( 100.01~140 )%

ue:

\* 10minOverVoltageRecoveryValu

112.17

( 100~139.99 )s

e:

\* 10minOverVoltageTime:

600

s

Edit

## 5. Volt-var control

Please select **Volt-var**, then click the volt-wattmoduleEnable mode. Then please change the value of voltagepoint as requirement.

## ← Advanced Settings

Setting

SystemTime

Country

ExportLimit

AC-Couple

WorkMode

EnergyManagement

ChargingTime

PeakShaving

Generator

PowerFactor

SafteyStartParameters

**Volt-Var**

Volt-Watt

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

Advanced(ProtectR...

① After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

Volt-VarModuleEnable: ☒

\* VrefAdjustment\_1: 100.0 ( 10~140 )%

AutonomousVrefEnable\_1: ☐

\* AutoVrefTimeConstant\_1: 300 ( 0~6000 )S

\* OpenLoopResponseTime\_1: 300 ( 0~300 )S

\* CurveAccess\_1: 0

\* VoltagePoint1\_1: 90.0 ( 80~100 )% Vref

\* ReactivePowerPoint1\_1: 44.0 ( -60~60 )% Vref

\* VoltagePoint2\_1: 96.0 ( 80~120 )% Vref

\* ReactivePowerPoint2\_1: 0.0 ( -60~60 )% Vref

\* VoltagePoint3\_1: 104.0 ( 80~120 )% Vref

\* ReactivePowerPoint3\_1: 0.0 ( -60~60 )% Vref

Cancel

**Save**

## 6. Volt-watt control

Please select **volt-watt** and click the volt-wattmoduleEnable. Then please change the start point and speed as requirement.

Start point = V3

Speed =  $(Qac3 - Qac4)/(V4 - V3)$

Example: Qac4=20%, Qac3=100%, V4=259V, V3=253V

Speed =  $(100-20)/(259-253)=80/6=13.3$

### ← Advanced Settings

EnergyManagement

ChargingTime

PeakShaving

Generator

PowerFactor

SaftyStartParameters

Volt-Var

**Volt-Watt**

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

Advanced(ProtectR...

Advanced(Ileak&DCI)

Advanced(Islanding...

Advanced(String&P...

Advanced(GlobalM...

Advanced(ActivePo...

After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

Volt-WattModuleEnable: ☒

\* OpenLoopResponseTime\_1: 6.0 ( 0.1~600 )S

\* VoltagePoint1\_1: 110.0 ( 80~140 )% Vref

\* DependentReference1\_1: 100.0 ( -100~100 )% Wref

\* VoltagePoint2\_1: 113.0 ( 80~140 )% Vref

\* DependentReference2\_1: 20.0 ( -100~100 )% Wref

\* VoltagePoint3\_1: 113.0 ( 80~140 )% Vref

\* DependentReference3\_1: 20.0 ( -100~100 )% Wref

\* VoltagePoint4\_1: 113.0 ( 80~140 )% Vref

\* DependentReference4\_1: 20.0 ( -100~100 )% Wref

Edit

## 7. Export limit

Please select **Exportlimit** and click the PowerlimitofFeedGrid, then please change the ExportPower as requirement.

← Advanced Settings

Setting

SystemTime

Country

**ExportLimit**

AC-Couple

WorkMode

EnergyManagement

ChargingTime

PeakShaving

Generator

PowerFactor

SaftyStartParameters

Volt-Var

Volt-Watt

TripLV

TripHV

TripLF

TripHF

FrequencyDroop

Watt-Var

Advanced(GridImb...

Advanced(ProtectR...

After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.

Refresh

\* PowerLimitOfFeedGrid:

Disable

Disable

Enable

\* PowerLimitModeOfFeedGrid:

\* PowerLimitOfFeedGrid:

100.0

( 0~2000 )kw

\* OverRatedActivePowerEnable:

Disable

▼

\* ActivePowerLimit:

100.0

( 0~200 )kW

\* OverRatedApparentPowerEnable:

Enable

▼

\* ApparentPowerLimit:

100.0

( 0~200 )kW

Cancel

**Save**

**Note:**

1. All the settings can only be changed by installer, the user can only view the settings in Advanced configuration guide H3-Plus.
2. After setting Safetycountry/Safetytype/GridCode, please click the Clear and Refresh Page.