

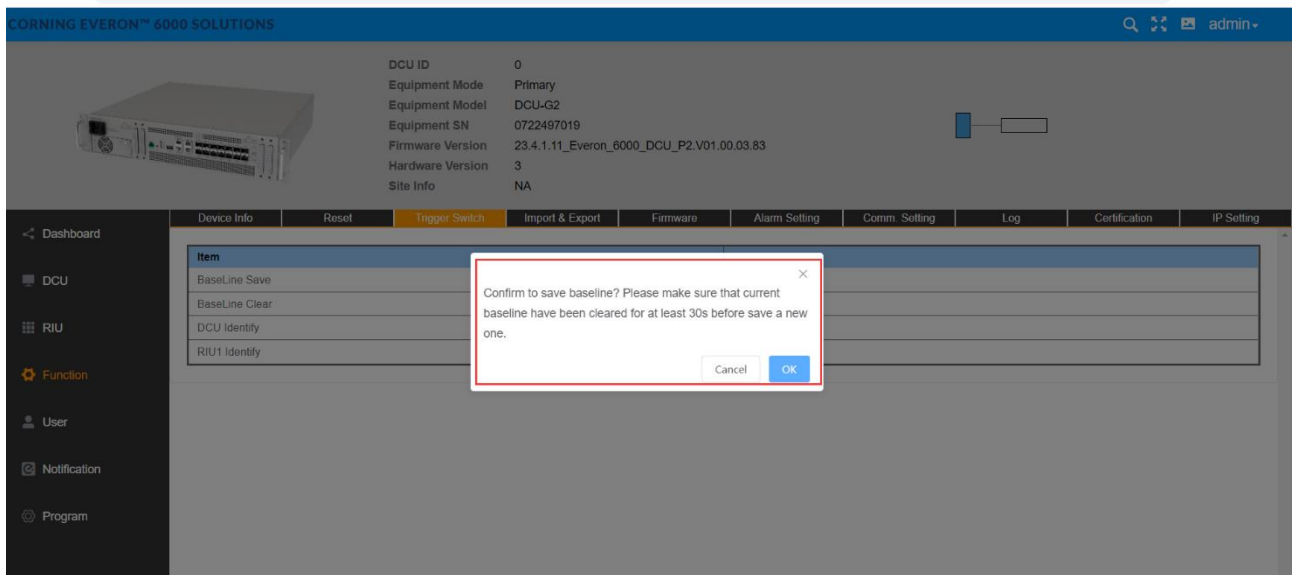


Figure 126. DCU—Function—Trigger Switch--Baseline Save Confirmation

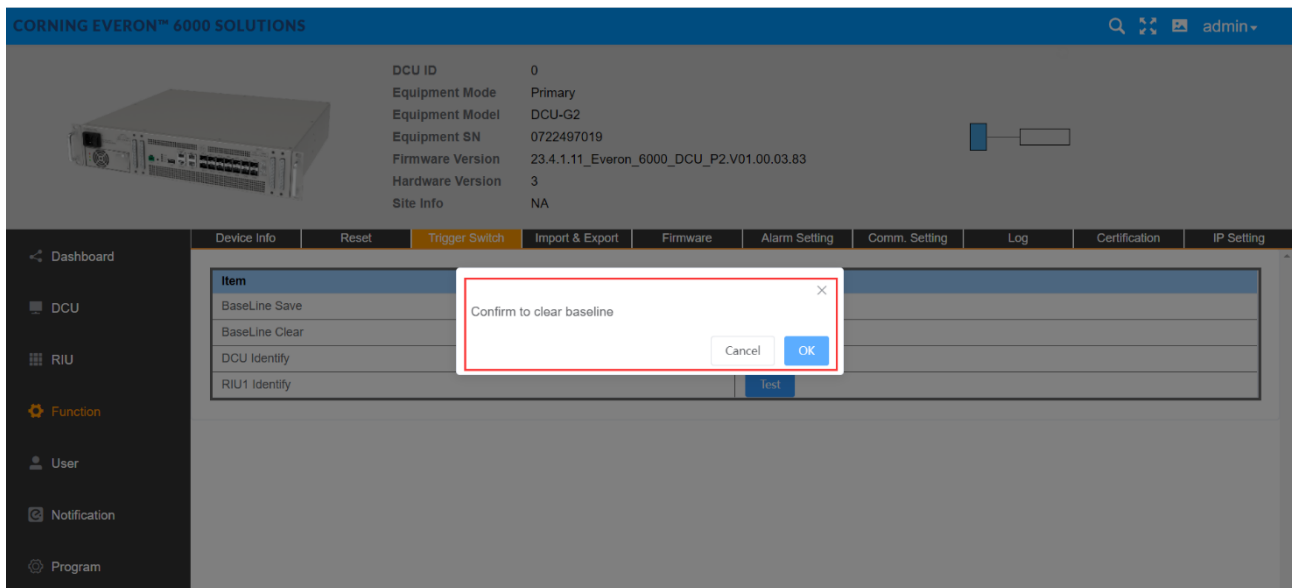


Figure 127. DCU—Function—Trigger Switch--Baseline Clear Confirmation

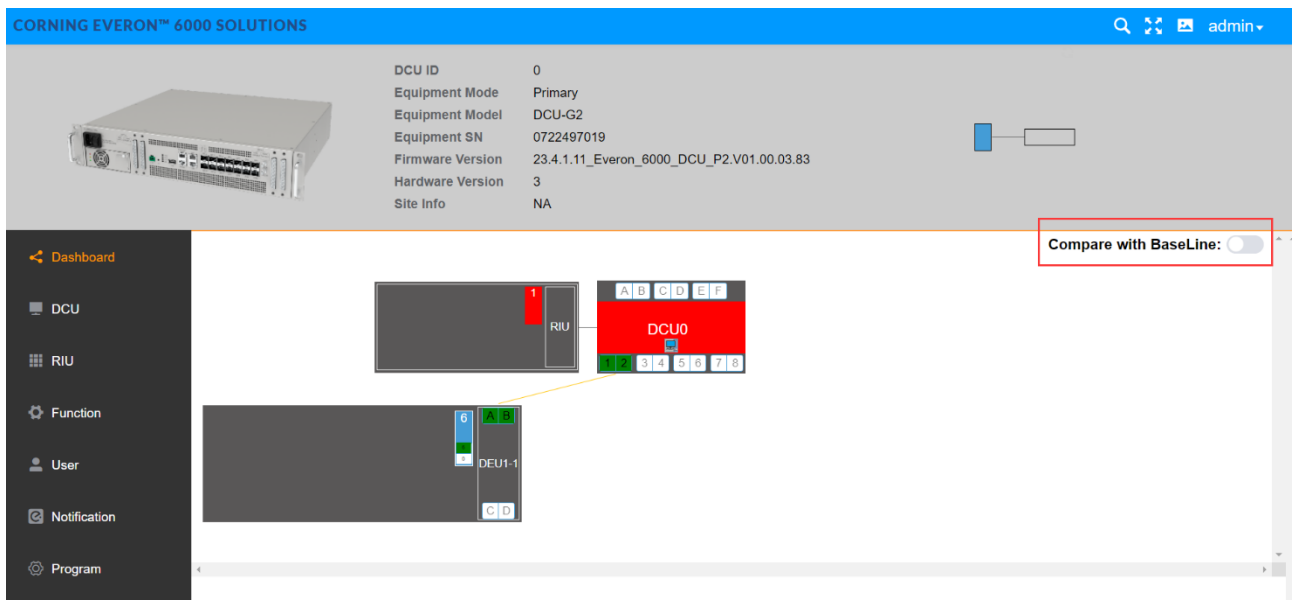


Figure 128. DCU--Dashboard-- Compare with Baseline

5.2.3.4 Import & Export

The user can import and export DCU configuration by clicking Function Import & Export, as shown in the following figure.

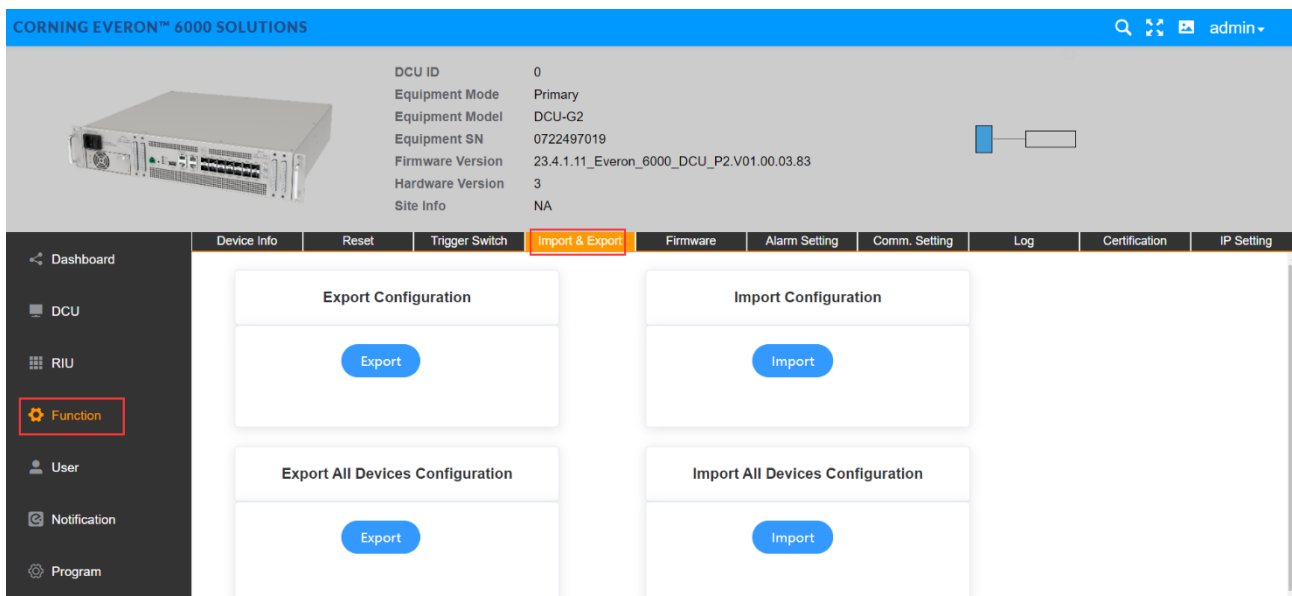


Figure 129 DCU Function Import & Export

5.2.3.5 Firmware

Click Function Firmware and the firmware info can be viewed and upgraded.

CORNING EVERON™ 6000 SOLUTIONS

admin

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

DCU Firmware Info

More	Name	Firmware Version	Boot Version	FPGA Version
>	Active	23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83	23.4.1.11_Everon_6000_DCU_P2.V01.00.00.10	23.4.1.11_Everon_6000_DCU_P2.V01.00.00.00
>	InActive	Everon_6000_DCU_P2.V01.00.03.67	Everon_6000_DCU_P2.V01.00.00.07	Everon_6000_DCU_P2.V01.00.03.00

System Firmware Info

Name	Value
RIU-TDD Version	23.4.1.11_Everon_6000_RIU_P2.V01.00.00.11
RIU-FDD Firmware Version	23.4.1.11_Everon_6000_RIU_P2.V02.00.00.05
DCU Firmware Version	23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
DEU-25 Firmware Version	23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87

Figure 130.DCU Function Firmware

Two upgrade modes are supported by 5G digital DAS products of D430 series of the system software of all NE: centralized upgrade and decentralized upgrade. The settings of the two modes can be configured in Control Switch.

CORNING EVERON™ 6000 SOLUTIONS

admin

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

Firmware Upgrade Configuration

Firmware Version	Centralized Upgrade Switch	Progress	File
23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83	ON	0%	Scan

Upgrade

Figure 131. Firmware Upgrade Configuration

1. Decentralized upgrade: the Control Switch is OFF and only the software of the current DCU unit can be upgraded in this mode. The steps to upgrade the software are the followings:

Step 1: Click SCAN to import the software version to be upgraded.

Step 2: Click Upgrade. When the progress of downloading the software to the device is 100% and FINISH is prompted, the software is successfully downloaded.

Step 3: After the device is reset, the software will be upgraded automatically.

2. Centralize upgrade: the Control Switch is ON. The system software of seven NE (RIU, DCU, DEU, dLRU-2.5, dLRU-3.5, dMRU-2.5, dMRU-3.5) in the 5G digital DAS products will be stored after they are imported into the internal storage by the users. All the slave NE (slave DCU, DEU, dLRU) connected to this seven NE will automatically take the system software to be upgraded independently.

The screenshot shows the 'Firmware' tab in the web interface. It displays a table of firmware versions for various components and a 'Centralized Upgrade Switch' set to ON.

Firmware Version	Centralized Upgrade Switch	Progress	File
23.4.1.11_Everon_6000_DCUI_P2.V01.00.03.83	ON	0%	Scan

Below the table, there is a toggle switch for the 'Centralized Upgrade Switch' which is currently set to ON.

Figure 132. System Upgrade ON/OFF

5.2.3.6 Alarm Setting

Through Function Alarm Setting, setting the alarm duration can be achieved. When it is set to 1~253, it shows alarm duration, with the unit of 10s. Setting to 254 indicates an immediate level alarm; Set to 0 and the alarm will not occur until 3 minutes later.

The screenshot shows the 'Alarm Setting' tab in the web interface. It displays a table with the 'Alarm Detect Duration(10s)' set to 0x10s.

Name	Value
Alarm Detect Duration(10s)	0x10s

Figure 133. DCU Function Alarm Setting Alarm Detect Duration

5.2.3.7 Comm.Setting

Click Function--Comm. Setting to set the network management communication types.

The screenshot shows the 'Comm. Setting' page in the CORNING EVERON™ 6000 SOLUTIONS web interface. The top navigation bar includes 'Device Info', 'Reset', 'Trigger Switch', 'Import & Export', 'Firmware', 'Alarm Setting', 'Comm. Setting' (highlighted), 'Log', 'Certification', and 'IP Setting'. The left sidebar shows 'Function' highlighted. The main content area displays 'Communication Types' with 'SNMP' selected and 'Snmp Version' set to 'V2'. A table lists the following settings:

Name	Value
SNMP IP Type	IPv4
Trap IP	
Trap Port	162
Port Num	161
Read Community	NA
Write Community	NA

Figure 134. DCU Function Comm. Setting

5.2.3.8 Log

Click Function--Log to export the log of DCU for problem analysis.

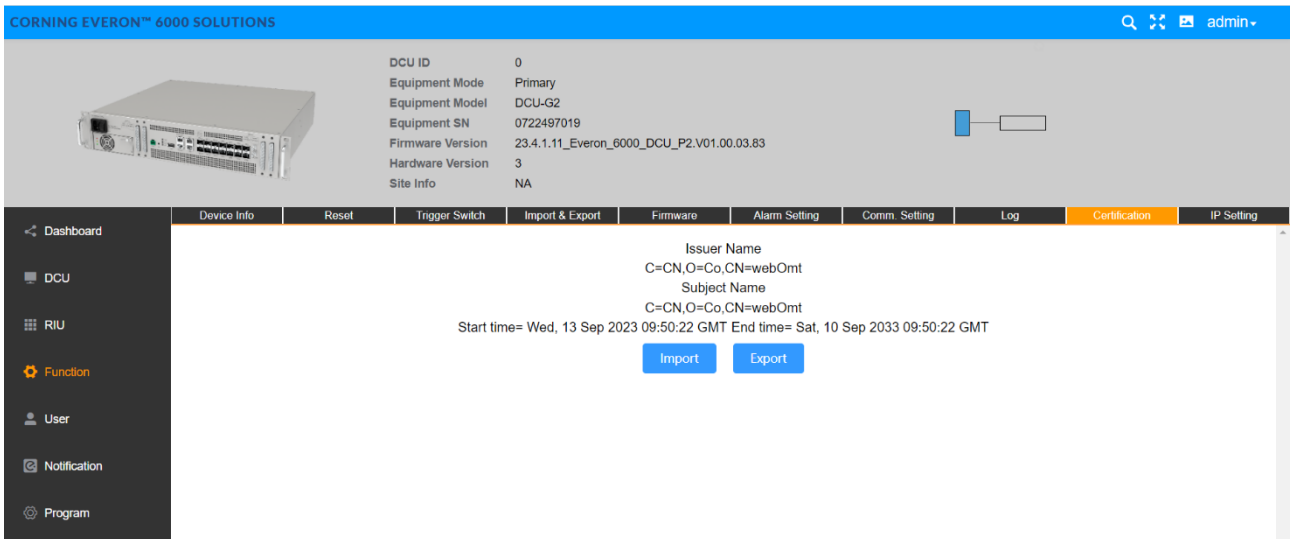
The screenshot shows the 'Log' page in the CORNING EVERON™ 6000 SOLUTIONS web interface. The top navigation bar includes 'Device Info', 'Reset', 'Trigger Switch', 'Import & Export', 'Firmware', 'Alarm Setting', 'Comm. Setting', 'Log' (highlighted), 'Certification', and 'IP Setting'. The left sidebar shows 'Function' highlighted. The main content area displays four export options:

- Export Log (Export button)
- Export Alarm Log (Export button)
- Export Setting Log (Export button)
- Inventory log (Export button)

Figure 135.DCU—Function-- Log

5.2.3.9 Certification

Click Certification to view issuer name, subject name, start time and end time of DCU.



CORNING EVERON™ 6000 SOLUTIONS

admin

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

Device Info | Reset | Trigger Switch | Import & Export | Firmware | Alarm Setting | Comm. Setting | Log | **Certification** | IP Setting

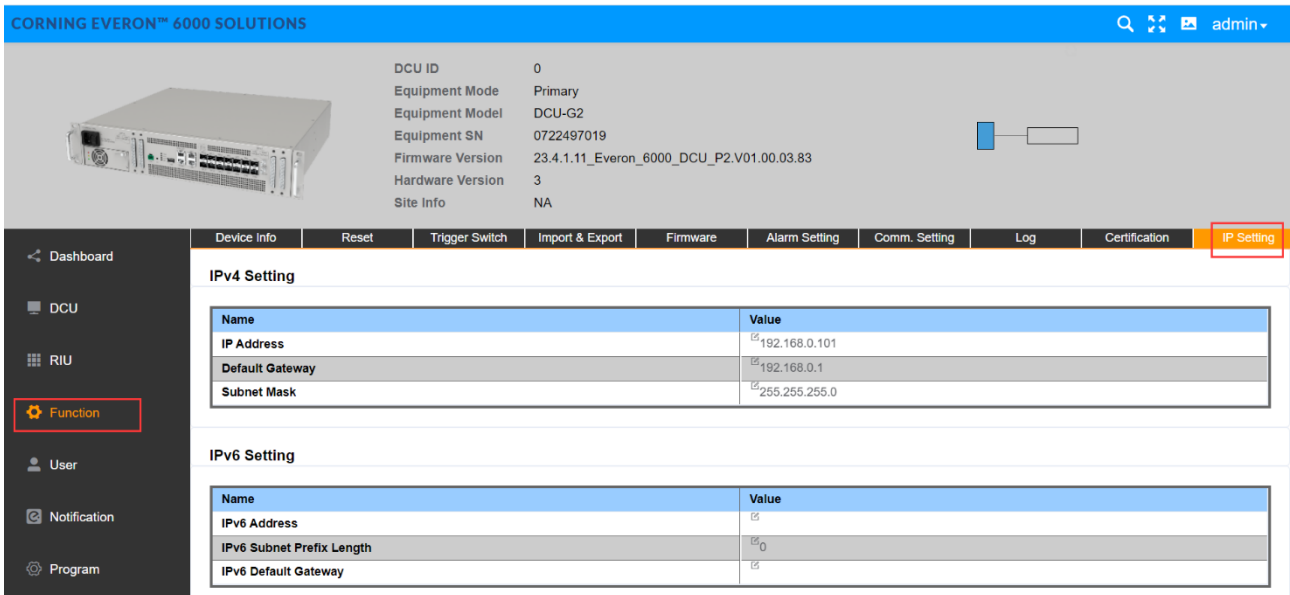
Issuer Name
C=CN,O=Co,CN=webOmt
Subject Name
C=CN,O=Co,CN=webOmt
Start time= Wed, 13 Sep 2023 09:50:22 GMT End time= Sat, 10 Sep 2023 09:50:22 GMT

Import Export

Figure 136.DCU—Function—Certification

5.2.3.10 IP Setting

Click Function--IP Setting to set DCU IP for OMC communication.



CORNING EVERON™ 6000 SOLUTIONS

admin

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

Device Info | Reset | Trigger Switch | Import & Export | Firmware | Alarm Setting | Comm. Setting | Log | Certification | **IP Setting**

Dashboard | DCU | RIU | **Function** | User | Notification | Program

IPv4 Setting

Name	Value
IP Address	192.168.0.101
Default Gateway	192.168.0.1
Subnet Mask	255.255.255.0

IPv6 Setting

Name	Value
IPv6 Address	
IPv6 Subnet Prefix Length	0
IPv6 Default Gateway	

Figure 137.DCU Function-- IP Setting

5.2.4 DCU -> User Info

5.2.4.1 Password

Click User->Password to reset the DCU password which should include capital and lower-case letters and 12 digits in length.

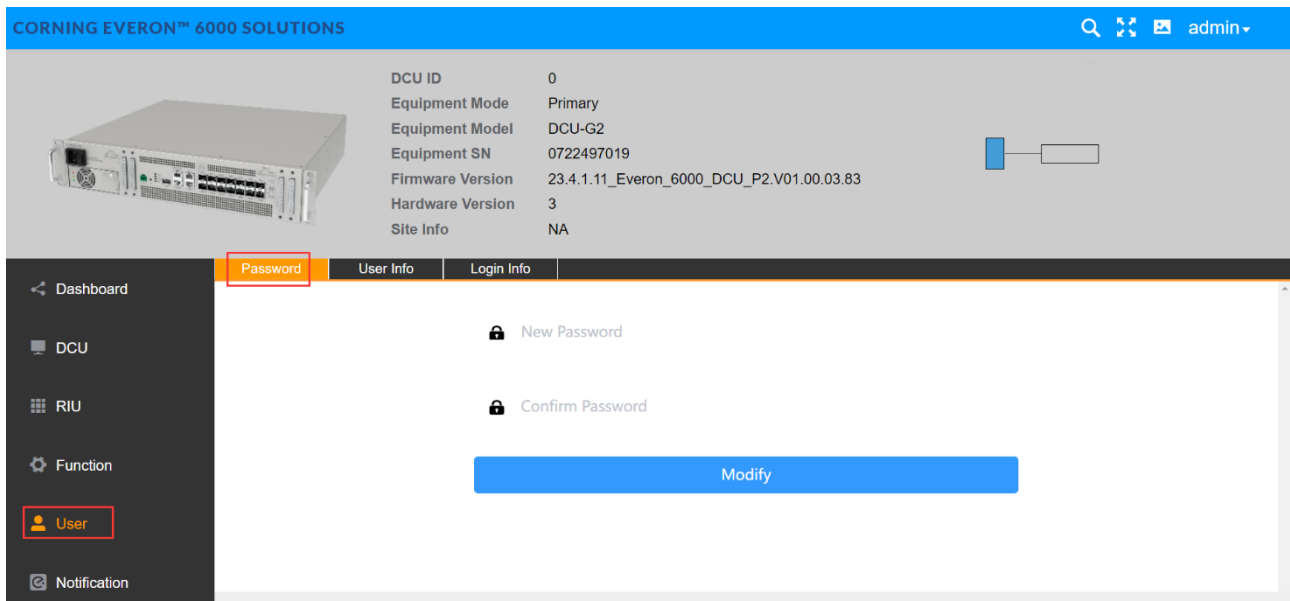


Figure 138. DCU User Password

The rules for setting passwords are as follows:

1. Default account and password at the first access: account/password= admin/admin
2. Need to change the password after the first access
3. Password restriction:
 - The minimum user password length is 12 characters.
 - At least three combinations of numbers, uppercase, lowercase and special symbols

It has been shown in the Web GUI if we enter into the password setup/modify page as follow



The minimum user password length is 12 characters.





At least three combinations of numbers, uppercase, lowercase and special symbols



Modify

5.2.4.2 User Info

Click User->User Info to add a user and set the role and password.

CORNING EVERON™ 6000 SOLUTIONS



DCU ID0

Equipment ModePrimary

Equipment ModelDCU-G2

Equipment SN0722497019

Firmware Version23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83

Hardware Version3

Site InfoNA

Dashboard

DCU

RIU

Function

User

Notification

Password

User Info

Login Info

User Name	Role	Status	Operation
admin	admin		Reset

Add User

Figure 139.DCU User User Info

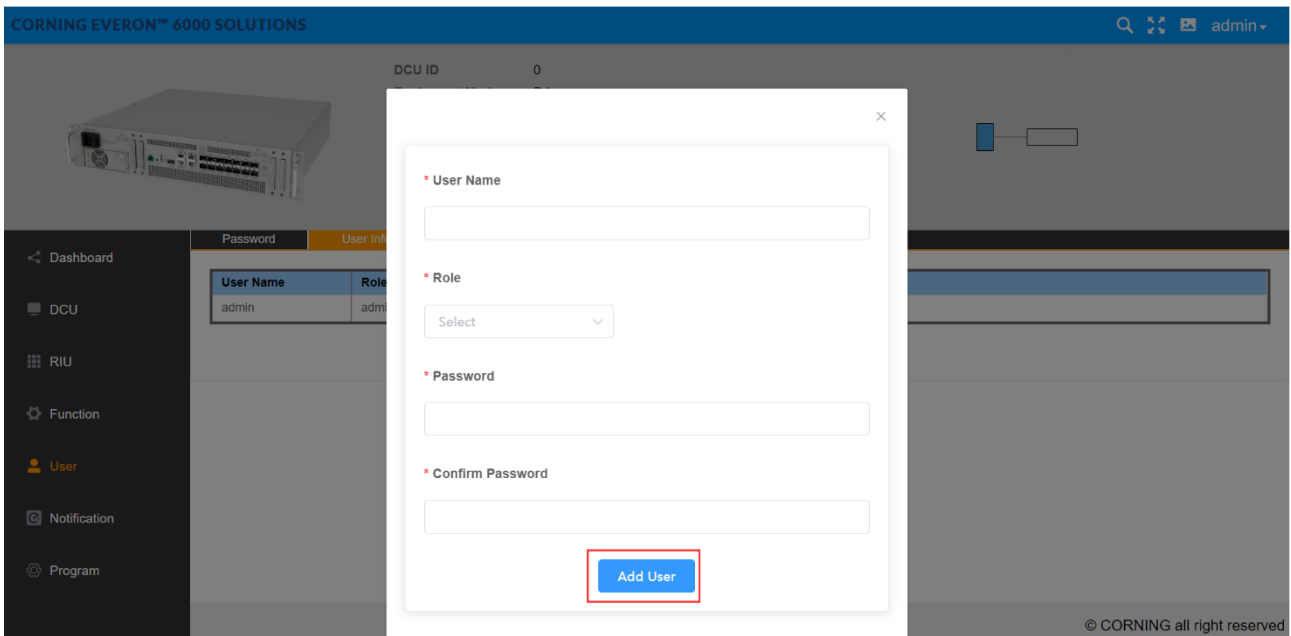


Figure 140.DCU User User Info Add User

5.2.4.3 Login Info

Click User->Login Info to set the max value of password input attempts. This function indicates that when a user logs in, the system will be locked if the times of password input exceeds the maximum.

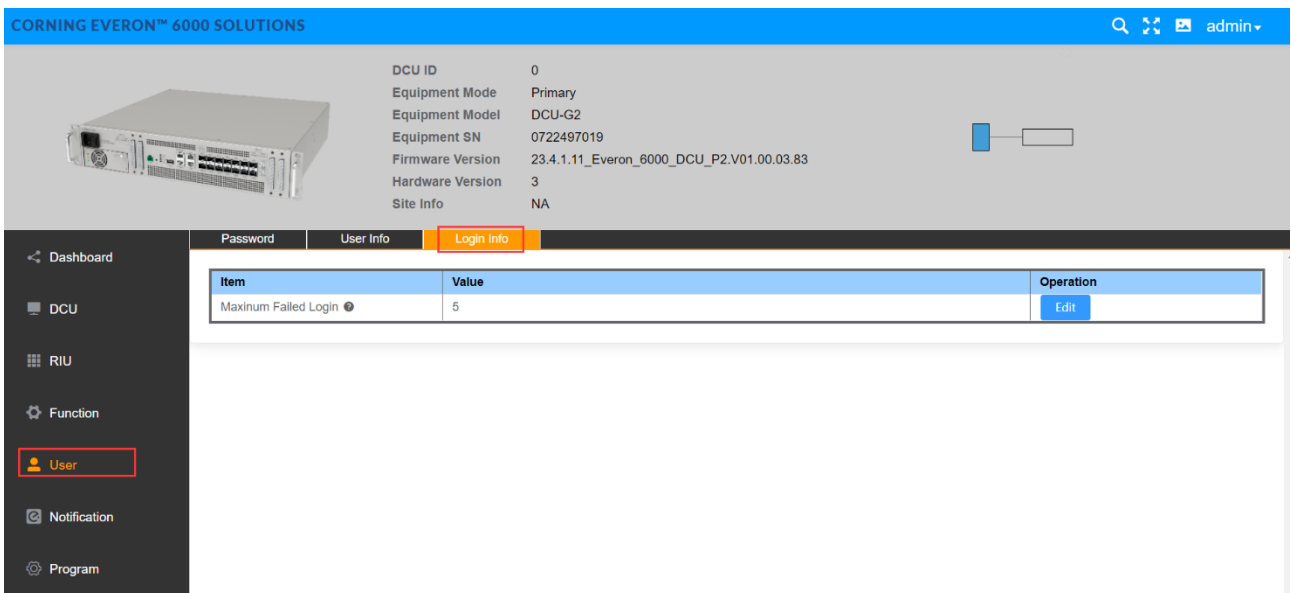


Figure 141. DCU User Login Info

5.2.4.4 Notification

CORNING EVERON™ 6000 SOLUTIONS

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

Notification

Type	Active Firmware Version	Non-Supported Firmware
DCU	Everon_6000_DCU_P2.V01.00.03.37	Everon_6000_DCU_P2.V01.00.02.03 Everon_6000_DCU_P2.V01.00.02.13 Everon_6000_DCU_P2.V01.00.02.37 Everon_6000_DCU_P2.V01.00.02.50 Everon_6000_DCU_P2.V01.00.02.55 Everon_6000_DCU_P2.V01.00.02.62

Note: The active firmware can not upgrade/downgrade to the non-supported firmware version

Figure 142. Notification

5.2.4.5 Program

The DCU ID is automatically obtained and cannot be set. The default value is 0. It is updated only when the internal DCU network is connected.

Click Program Site Management to clear the site ID of the DCU.

CORNING EVERON™ 6000 SOLUTIONS

DCU ID: 0
Equipment Mode: Primary
Equipment Model: DCU-G2
Equipment SN: 0722497019
Firmware Version: 23.4.1.11_Everon_6000_DCU_P2.V01.00.03.83
Hardware Version: 3
Site Info: NA

Site Management

Clear Site ID

Clear

Figure 143. DCU Program Site Management

5.3 DEU Config

SN	DEU Parameters		Ranges	Default Values
1	Temperature THR		0~125℃	80℃
2	Power Temperature THR		0~125℃	80℃
3	Optical Module Temperature THR		0~125℃	80℃
4	RU Temperature THR		0~125℃	80℃
5	Equipment mode		25G/10G	
6	Alarm Detect Duration		0-255S	0-10S
7	Switch		ON/OFF	ON
8	Technology		3G/4G/5G	3G
9	UL Center Freq. (MHz)		(2496-2690), (3450-3700), (3700-3980), (817-849), (663-698), (2305-2315), (698-798), (1850-1915), (1695-1780)	
10	DL Center Freq. (MHz)		(2496-2690), (3450-3700), (3700-3980), (862-894), (617-652), (2350-2360), (728-768), (1930-2020), (2110-2200)	
11	BW		N/A/5MHz/10MHz/15MHz/20MHz/30MHz/40MHz/50MHz/60MHz/70MHz/80MHz/90MHz/100MHz/150MHz/200MHz	
12	Operator		ATT/VZW/TMB/OTHER	
13	Power Sharing =OFF	UL ATTN	-9~20 dB	0 dB
		DL ATTN	0~20 dB	0 dB
	Power Sharing =ON	DL ATTN	calculated by Power sharing	0 dB
14	UL Delay		0~4000000 us	0.0 us
15	DL Delay		0~4000000 us	0.0 us

5.3.1 DEU -> Dashboard

Click the Dashboard navigation button to enter the dashboard page, where you can query the full topology of all the dependent NE connected to the DEU unit. And the info query and configuration management page of other NE can be switched to after clicking NE ID in the topology.

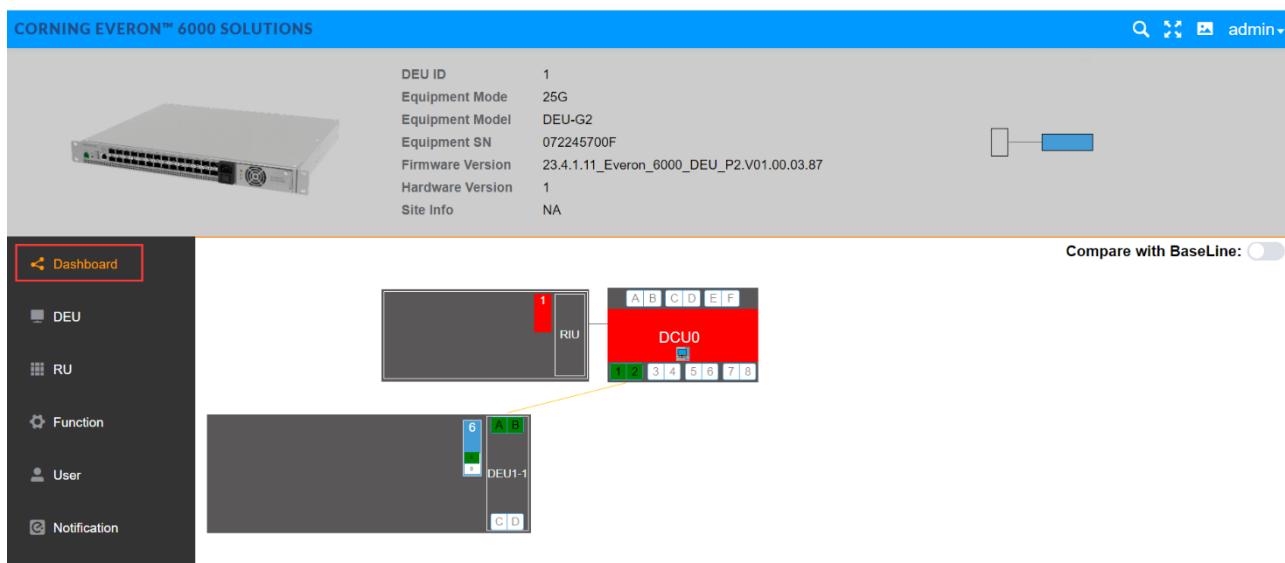


Figure 144. DEU25G Dashboard

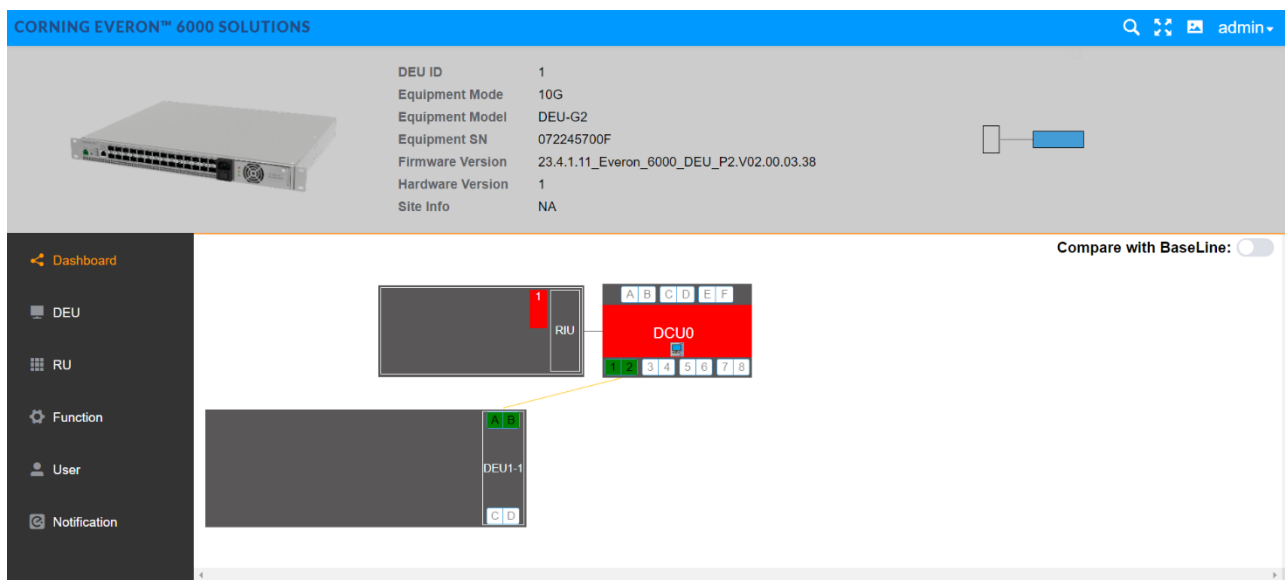


Figure 145. DEU10G Dashboard

5.3.1.1 Alarm Info

DEU ID: 1
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: NA

Name	Value
Equipment Alarm	●
Fan Alarm 1	●
Fan Alarm 2	●
Fan Alarm 3	●
Fan Alarm 4	●
Temperature Alarm	●
Power Temperature Alarm	●
DC Voltage Lower Alarm	●
Digital Unlocked Alarm	●
Digital HW Alarm	●
Firmware Mismatch Alarm	●
Temperature THR	80°C
Power Temperature THR	80°C
RU Temperature THR	80°C
Optical Module Temperature THR	80°C

Figure 146. DEU25G Alarm Info

DEU ID: 1
Equipment Mode: 10G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version: 1
Site Info: NA

Name	Value
Equipment Alarm	●
Fan Alarm 1	●
Fan Alarm 2	●
Fan Alarm 3	●
Fan Alarm 4	●
Temperature Alarm	●
Power Temperature Alarm	●
DC Voltage Lower Alarm	●
Digital Unlocked Alarm	●
Digital HW Alarm	●
Firmware Mismatch Alarm	●
Temperature THR	80°C
Power Temperature THR	80°C
RU Temperature THR	80°C
Optical Module Temperature THR	80°C

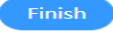
Figure 147. DEU 10 G Alarm Info

Alarms can be set and viewed in this function which are defined as follows:

- 1) Equipment Alarm: Take effect if any alarm is valid.
- 2) Fan Alarm 1~4: Take effect if any fan (4 in total) in the module is abnormal.
- 3) Temperature Alarm: Take effect if the device temperature is higher than the device over temperature THR (80°C by default).
- 4) Power Temperature Alarm 1~2: Take effect if the temperature of any PSE is higher than the device over temperature THR (80°C by default).
- 5) DC Voltage Alarm: The alarm will occur if the input power < 37V

- 6) Digital Unlocked Alarm: Take effect if the device is unlocked.
- 7) Firmware Mismatch Alarm: The module version does not match the system version.
- 8) Temperature THR: Alarm will be generated if the device temperature exceeds this value.
- 9) Power Temperature THR: Alarm will be generated if the power module temperature exceeds this value.
- 10) RU Temperature THR: Alarm will be generated if RU temperature exceeds it.
- 11) Optical Module Temperature THR: Generate alarm if the optical module temperature this value.

➤ **To set alarm info parameters**

1. Click DCU—Alarm Info to enter the configuration page.
2. For alarms, click the edit button  and Disable and Enable button can be seen. Select Enable and the green icon will be displayed .
3. For Temperature THR, Power Temperature THR, Optical Module Temperature THR, System Delay THR, click  to enter the values within the range according to the form above.
4. Click Finish  to complete the configuration.

5.3.1.2 OP Info

5.3.1.2.1 CPRI Info

The range of optical module transmitting power (Tx PWR) is -3dBm~5dBm; The range of Rx PWR shall be greater than -10dBm. The maximum operating temperature must be lower than 80 ° C and the optical module must be correctly matched. Otherwise, an exception may occur. Alarms can be queried on this interface.

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: NA

CPRI Info

Num.	Tx Power	Rx Power	Fiber Loss	Fiber Length	Tx Alarm	Rx Alarm	Sync Alarm	Link Alarm
A	-1.13dBm	-3.2dBm	2.08dB	1m	🟢	🟢	🟢	N/A
B	-0.18dBm	-1.24dBm	0.36dB	1m	🟢	🟢	🟢	N/A
C	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
D	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
1	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
2	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
3	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
4	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
5	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
6	-1.2dBm	-1.11dBm	0dB	1m	🟢	🟢	🟢	🟢
7	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
8	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
9	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢

Figure 148.DEU 25 G OP Info CPRI Info

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 10G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version: 1
Site Info: NA

CPRI Info

Num.	Tx Power	Rx Power	Fiber Loss	Fiber Length	Tx Alarm	Rx Alarm	Sync Alarm	Link Alarm
A	-1.07dBm	-3.45dBm	2.3dB	1m	🟢	🟢	🟢	N/A
B	-0.1dBm	-1.22dBm	0.38dB	1m	🟢	🟢	🟢	N/A
C	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
D	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
1	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
2	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
3	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
4	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
5	N/A	N/A	N/A	N/A	🟢	🟢	🟢	🟢
6	-1.27dBm	<-3.5dBm	N/A	N/A	🟢	🔴	🔴	🟢

Figure 149.DEU 10 G OP Info CPRI Info

5.3.1.2.2 SFP Info

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1

Equipment Mode: 25G

Equipment Model: DEU-G2

Equipment SN: 072245700F

Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87

Hardware Version: 1

Site Info: NA



Dashboard

DEU

RU

Function

User

Notification

Alarm Info
OP Info
Carrier Info
Power Sharing

CPRI Info
SFP Info
OP Group

Batch

More	Num.	Temperature	Temperature Alarm	Manufacturer Alarm	Rate Matching Alarm	SN	PN	Wavelength	Transmission Rate
>	A	35°C	🟢	🟢	🟢	W11225200094	SFP-25G-215-10K	1330nm	25.5Gbps
>	B	36°C	🟢	🟢	🟢	W10225200235	SFP-25G-214-10K	1270nm	25.5Gbps
>	C	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	D	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	1	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	2	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	3	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	4	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	5	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	6	37°C	🟢	🟢	🟢	W11222800426	SFP-25G-215-10K	1330nm	25.5Gbps
>	7	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	8	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A
>	9	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A

Figure 150. DEU 25 G OP Info SFP Info

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1

Equipment Mode: 10G

Equipment Model: DEU-G2

Equipment SN: 072245700F

Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38

Hardware Version: 1

Site Info: NA



Dashboard

DEU

RU

Function

User

Notification

Alarm Info
OP Info
Carrier Info
Power Sharing

CPRI Info
SFP Info
OP Group

Batch

More	Num.	Temperature	Temperature Alarm	Manufacturer Alarm	Rate Matching Alarm	SN	PN	Wavelength
>	A	33°C	🟢	🟢	🟢	W11225200094	SFP-25G-215-10K	1330nm
>	B	34°C	🟢	🟢	🟢	W10225200235	SFP-25G-214-10K	1270nm
>	C	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	D	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	1	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	2	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	3	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	4	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	5	N/A	🟢	🟢	🟢	N/A	N/A	N/A
>	6	35°C	🟢	🟢	🔴	W11222800426	SFP-25G-215-10K	1330nm

Figure 151. DEU 10 G OP Info SFP Info

Click ">" under the SFP Info More to view the optical module info.

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1

Equipment Mode: 25G

Equipment Model: DEU-G2

Equipment SN: 072245700F

Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87

Hardware Version: 1

Site Info: NA



Dashboard

DEU

RU

Function

User

Notification

Alarm Info
OP Info
Carrier Info
Power Sharing

CPRI Info
SFP Info
OP Group

Batch

More	Num.	Temperature	Temperature Alarm	Manufacturer Alarm	Rate Matching Alarm	SN	PN	Wavelength	Transmission Rate								
More	A	35°C	🟢	🟢	🟢	W11225200094	SFP-25G-215-10K	1330nm	25.5Gbps								
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #007bff; color: white;"> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Production Date</td> <td>230112</td> </tr> <tr> <td>Manufacturer</td> <td>FFF</td> </tr> <tr> <td>Revision</td> <td>2.1</td> </tr> </tbody> </table>										Name	Value	Production Date	230112	Manufacturer	FFF	Revision	2.1
Name	Value																
Production Date	230112																
Manufacturer	FFF																
Revision	2.1																
>	B	36°C	🟢	🟢	🟢	W10225200235	SFP-25G-214-10K	1270nm	25.5Gbps								
>	C	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A								
>	D	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A								
>	1	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A								
>	2	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A								
>	3	N/A	🟢	🟢	🟢	N/A	N/A	N/A	N/A								

Figure 152.DEU 25 G OP Info SFP Info More

CORNING EVERON™ 6000 SOLUTIONS admin



DEU ID: 1

Equipment Mode: 10G

Equipment Model: DEU-G2

Equipment SN: 072245700F

Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38

Hardware Version: 1

Site Info: NA



Dashboard

DEU

RU

Function

User

Notification

Alarm Info
OP Info
Carrier Info
Power Sharing

CPRI Info
SFP Info
OP Group

Batch

More	Num.	Temperature	Temperature Alarm	Manufacturer Alarm	Rate Matching Alarm	SN	PN	Wavelength										
More	A	33°C	🟢	🟢	🟢	W11225200094	SFP-25G-215-10K	1330nm										
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #007bff; color: white;"> <th>Name</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Transmission Rate</td> <td>25.5Gbps</td> </tr> <tr> <td>Production Date</td> <td>230112</td> </tr> <tr> <td>Manufacturer</td> <td>FFF</td> </tr> <tr> <td>Revision</td> <td>2.1</td> </tr> </tbody> </table>									Name	Value	Transmission Rate	25.5Gbps	Production Date	230112	Manufacturer	FFF	Revision	2.1
Name	Value																	
Transmission Rate	25.5Gbps																	
Production Date	230112																	
Manufacturer	FFF																	
Revision	2.1																	
>	B	34°C	🟢	🟢	🟢	W10225200235	SFP-25G-214-10K	1270nm										
>	C	N/A	🟢	🟢	🟢	N/A	N/A	N/A										

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Figure 153. DEU 10 G OP Info SFP Info More

5.3.1.2.3 OP Group

- a. For the port configuration of 10G DEU, we design the new GUI for the various SFP port config. It supports 3 configuration mode on each 6 SFP ports (Group). Click **DEU** **OP Info** **OP Group** to configure SFP port as shown in Figure 154.

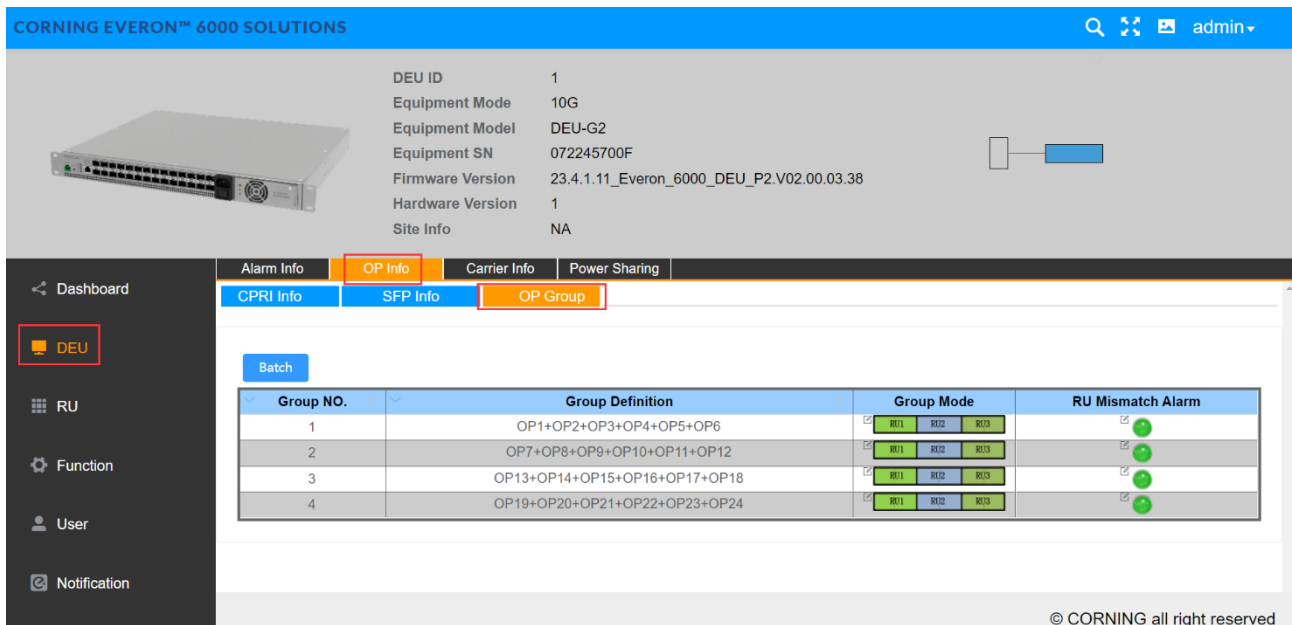


Figure 154. DEU 10G OP Info OP Group

Click  button in Group Mode. In the drop-down box, there are three models to choose from. Then click Save to complete the configuration. Default configuration is model 1

Model 1: Two SFP ports are mapped to one RU, and it is recommended to align the DEU and RU SFPs in the same order, otherwise an SFP alarm will occur.

Model 2: 1 SFP port is mapped to 1 RU.

Model 3: 3 SFP ports are mapped to 1 RU. It is recommended to align the DEU and RU SFP in the same order, otherwise an SFP alarm will occur.

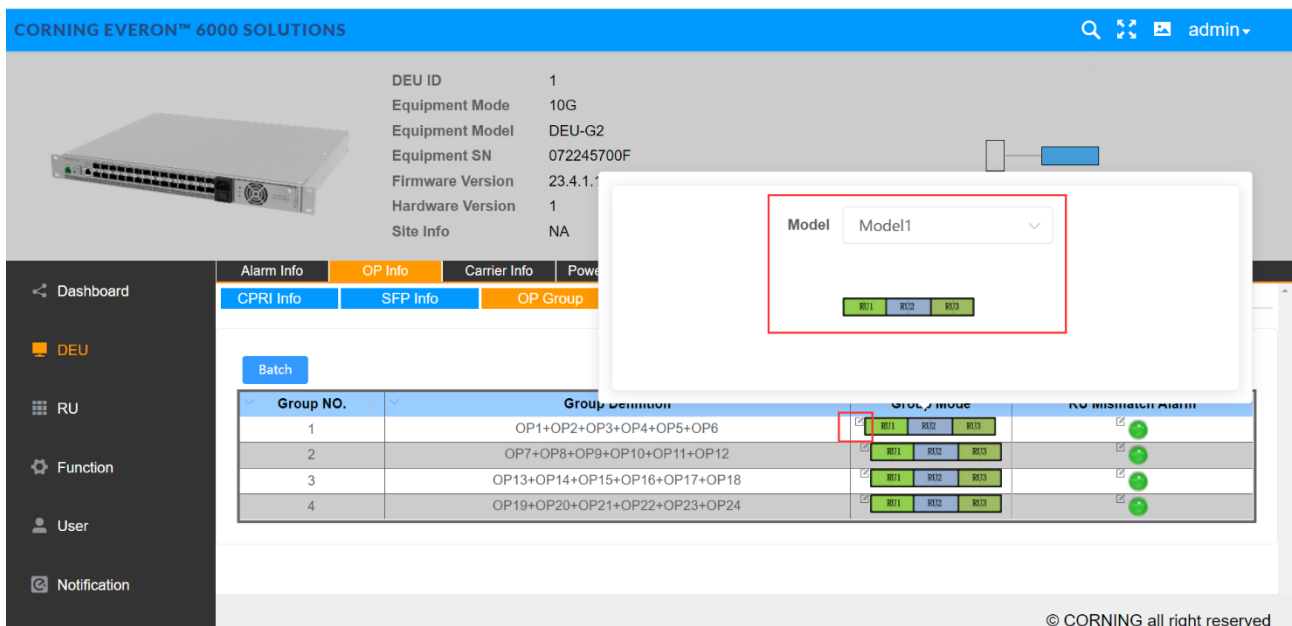
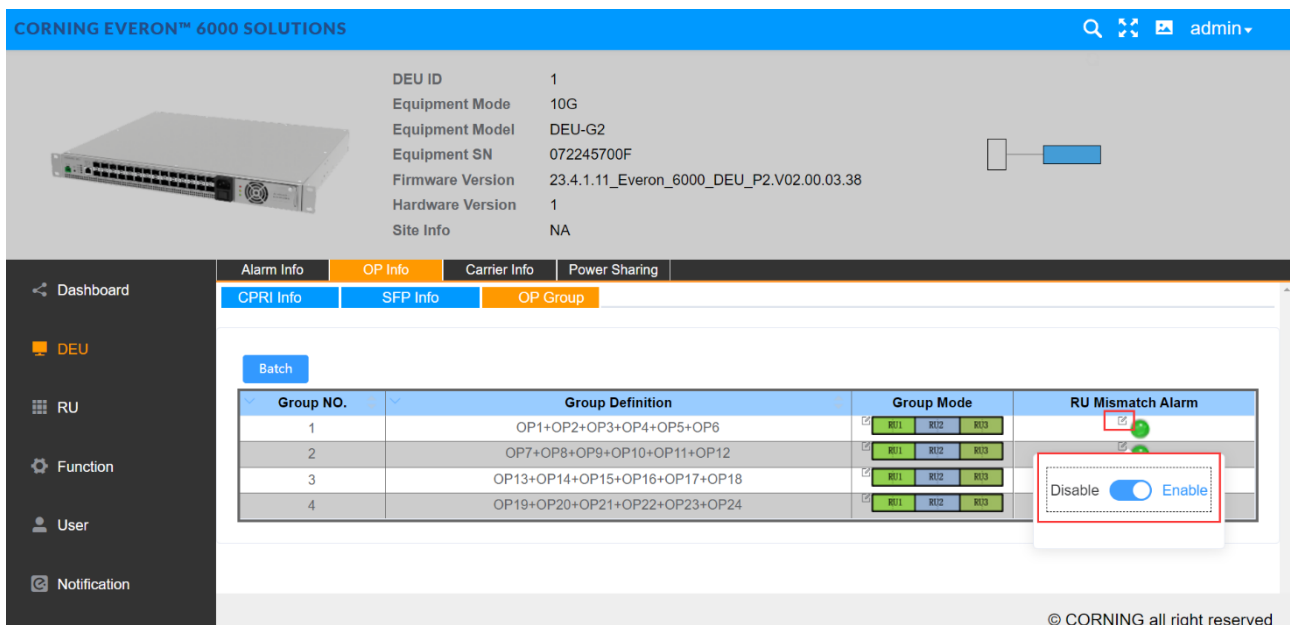


Figure 155. DEU 10 G Group Mode

Click  button in RU Mismatch Alarm. Select Enable/ Disable, then click Finish to complete the configuration.



CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 10G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version: 1
Site Info: NA

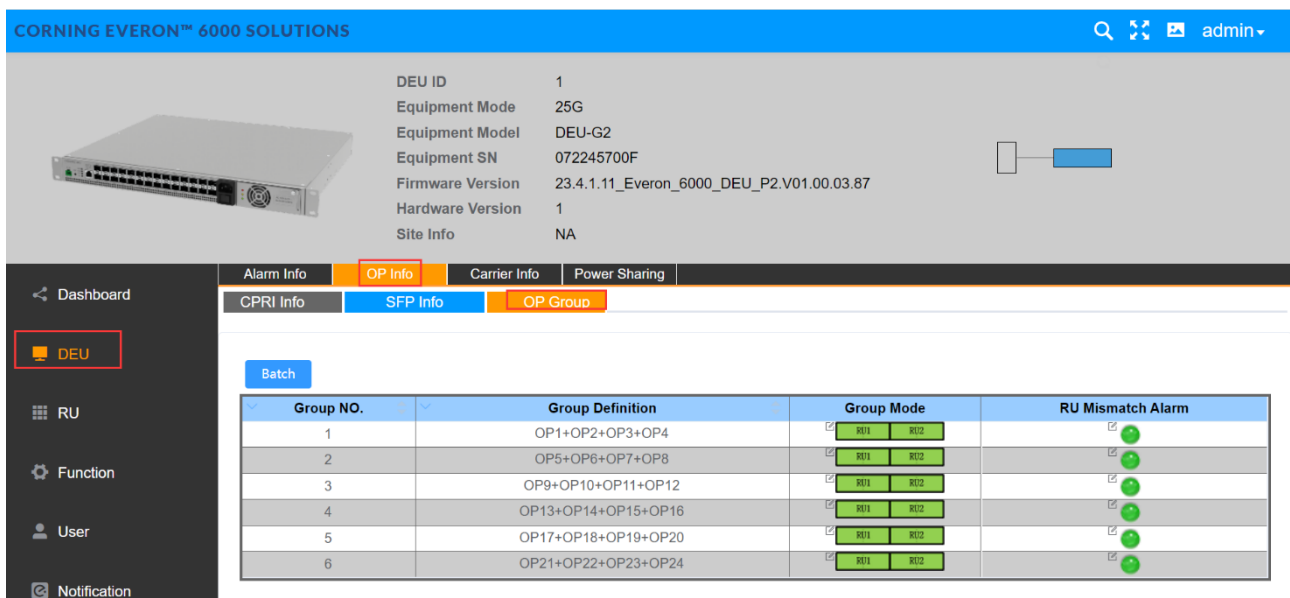
OP Info

Group NO.	Group Definition	Group Mode	RU Mismatch Alarm
1	OP1+OP2+OP3+OP4+OP5+OP6	RU1 RU2 RU3	☒ Enable
2	OP7+OP8+OP9+OP10+OP11+OP12	RU1 RU2 RU3	☒ Enable
3	OP13+OP14+OP15+OP16+OP17+OP18	RU1 RU2 RU3	☒ Enable
4	OP19+OP20+OP21+OP22+OP23+OP24	RU1 RU2 RU3	☒ Enable

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Figure 156.DEU 10 G RU Mismatch Alarm

b. For the port configuration of 25G DEU, there are two models to choose from. The configuration steps are the same as that of 10G DEU OP group configuration.



CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: NA

OP Info

Group NO.	Group Definition	Group Mode	RU Mismatch Alarm
1	OP1+OP2+OP3+OP4	RU1 RU2	☒ Enable
2	OP5+OP6+OP7+OP8	RU1 RU2	☒ Enable
3	OP9+OP10+OP11+OP12	RU1 RU2	☒ Enable
4	OP13+OP14+OP15+OP16	RU1 RU2	☒ Enable
5	OP17+OP18+OP19+OP20	RU1 RU2	☒ Enable
6	OP21+OP22+OP23+OP24	RU1 RU2	☒ Enable

Figure 157.DEU 25G OP Info OP Group

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: NA

Dashboard | DEU | RU | Function | User | Notification

Alarm Info | CPRI Info | SFP Info | OP Group | Power Sharing

Batch

Group NO.	Group Definition	Group Mode	RU Mismatch Alarm
1	OP1+OP2+OP3+OP4	Model1	Enable
2	OP5+OP6+OP7+OP8	Model1	Enable
3	OP9+OP10	Model1	Enable
4	OP13+OP14	Model1	Enable
5	OP17+OP18	Model1	Enable
6	OP21+OP22	Model1	Enable

Model: Model1

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Figure 158.DEU 25G OP Group Group Mode

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 1
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 072245700F
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.87
Hardware Version: 1
Site Info: NA

Dashboard | DEU | RU | Function | User | Notification

Alarm Info | CPRI Info | SFP Info | OP Group | Power Sharing

Batch

Group NO.	Group Definition	Group Mode	RU Mismatch Alarm
1	OP1+OP2+OP3+OP4	Model1	Enable
2	OP5+OP6+OP7+OP8	Model1	Enable
3	OP9+OP10+OP11+OP12	Model1	Enable
4	OP13+OP14+OP15+OP16	Model1	Enable
5	OP17+OP18+OP19+OP20	Model1	Enable
6	OP21+OP22+OP23+OP24	Model1	Enable

Disable Enable

Figure 159.DEU 25G OP Group RU Mismatch Alarm

5.3.1.3 Carrier Info

➤ To configure carrier info

1. Click DEU Carrier Info Add to set UL Center Freq. and DL Center Freq. to enter the following page.
2. Click the icon  in each field and select one from the drop-down options, enter values within the range and select ON/OFF and Enable/Disable button.
3. Click Finish to set.

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 10
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 0906ZXXB050
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V01.00.03.88
Hardware Version: 1
Site Info: NA

Carrier Num: 0/64 5/10/15/20MHz: 0/64 30/40/50MHz: 0/16 60/70/80/90/100MHz: 0/16 150/200MHz: 0/4

Export Import Delete All Add

More	NO.	Switch	Technology	UL Center Freq.	DL Center Freq.	BW	Operator	UL PWR	DL PWR	UL ATTN	DL ATTN
>	1	ON	5G	3740MHz/649333	3740MHz/649333	80MHz	ATT	-55.03dBFS	-59.56dBFS	0dB	0dB
>	2	ON	5G	3740MHz/649333	3740MHz/649333	80MHz	ATT	-54.64dBFS	-60.26dBFS	0dB	0dB
>	3	ON	5G	3810MHz/654000	3810MHz/654000	60MHz	ATT	-55.29dBFS	-60.08dBFS	0dB	0dB
>	4	ON	5G	3810MHz/654000	3810MHz/654000	60MHz	ATT	-54.84dBFS	-61.84dBFS	0dB	0dB
>	5	ON	5G	3880MHz/658667	3880MHz/658667	80MHz	ATT	-54.89dBFS	-58.26dBFS	0dB	0dB
>	6	ON	5G	3880MHz/658667	3880MHz/658667	80MHz	ATT	-54.71dBFS	-60.42dBFS	0dB	0dB
>	7	ON	5G	3490MHz/632667	3490MHz/632667	80MHz	ATT	-57.71dBFS	-64.59dBFS	0dB	0dB

Figure 160. DEU 25G Carrier Info

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 11
Equipment Mode: 10G
Equipment Model: DEU-G2
Equipment SN: 0906ZXXB17x
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version: 1
Site Info: NA

Carrier Num: 38/64 5MHz: 2/20 10MHz: 22/32 15MHz: 2/12 20MHz: 8/28 30/40/50MHz: 0/2 60/70/80MHz: 2/2 60/70/80/90/100MHz: 2/2

Export Import Delete All Add

More	NO.	Switch	Technology	UL Center Freq.	DL Center Freq.	BW	Operator	UL PWR	DL PWR	UL ATTN	DL ATTN
>	1	ON	4G	1707.5MHz/133097	2125MHz/150	20MHz	ATT	-68.02dBFS	-67.07dBFS	0dB	0dB
>	2	ON	4G	1707.5MHz/133097	2125MHz/150	20MHz	ATT	-67.67dBFS	-66.9dBFS	0dB	0dB
>	3	ON	4G	1722.5MHz/19325	2140MHz/300	10MHz	ATT	-70.32dBFS	-70.26dBFS	0dB	0dB
>	4	ON	4G	1722.5MHz/19325	2140MHz/300	10MHz	ATT	-70.65dBFS	-69.91dBFS	0dB	0dB
>	5	ON	4G	1737.5MHz/19475	2155MHz/450	20MHz	ATT	-68.17dBFS	-61.55dBFS	0dB	0dB
>	6	ON	4G	1737.5MHz/19475	2155MHz/450	20MHz	ATT	-67.91dBFS	-61.28dBFS	0dB	0dB
>	7	ON	4G	1752.5MHz/19625	2170MHz/600	10MHz	ATT	-70.32dBFS	-11.2dBFS	0dB	0dB

Figure 161. DEU 10G Carrier Info

➤ **To add carrier**

1. Click Add button  and the following setting page appear.
2. Click the arrow  and select one from the listed options.
3. Enter the values of the field marked *.
4. Click Save  to finish the settings.

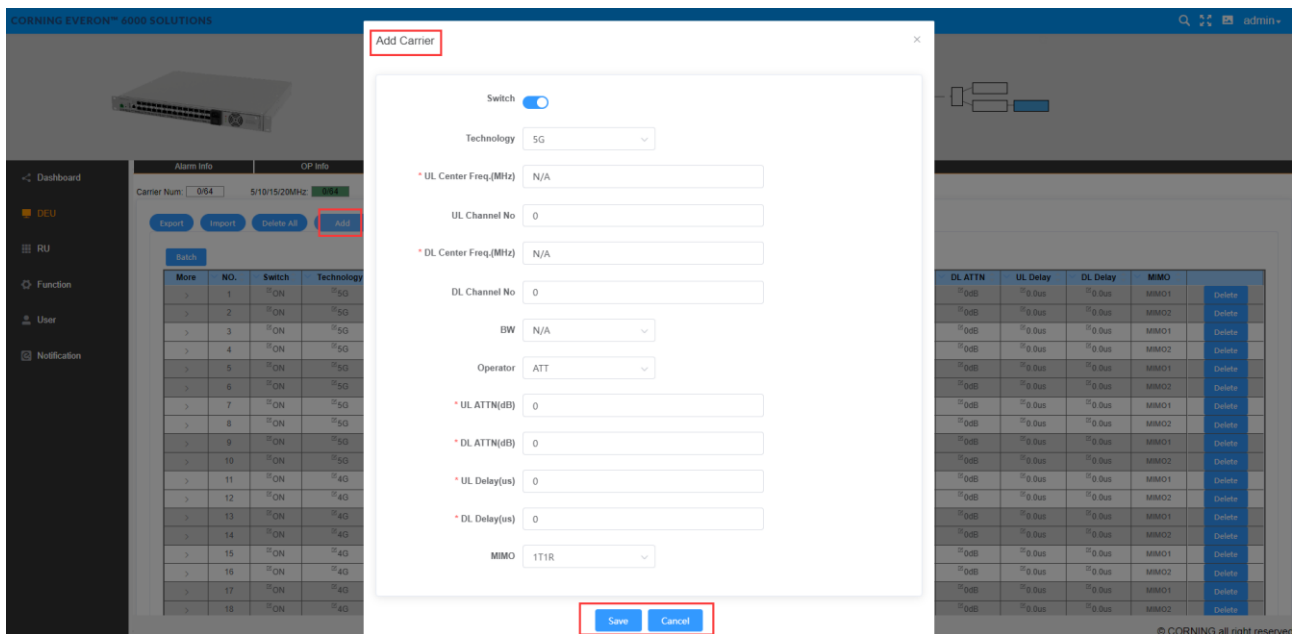


Figure 162.DEU 25G Carrier Info Add

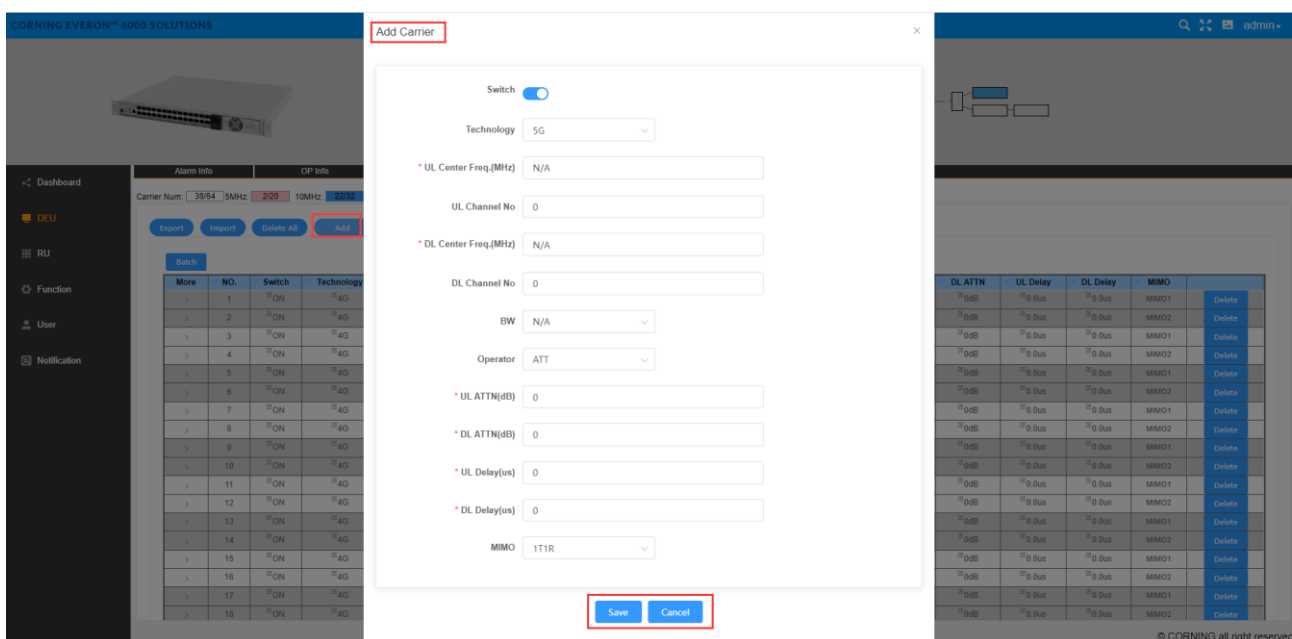


Figure 163. DEU 10 G Carrier Info Add

5.3.1.4 Power Sharing

SN	DEU Sharing Power Parameters	Ranges	Default Values
1	Power Sharing Lock	ON/OFF (Lock the DL ATT config on the carrier info)	OFF
2	Band	2500T/3500F/3500G	3500G
3	Assigned	10% ~ 100%	66%
4	Unassigned	0%~90%	34%
5	Number of Carrier for each band/sub-band	0~4	N/A
7	Assign Percent	0%-100%	33%
8	Assign Type	Density/Even	Density

➤ To configure power sharing

- Click the Set button then the DL ATTN can be configured. Calculate & Set DL ATT Setting
- Select Powering Sharing Lock Power Sharing Lock ☒ and operation success will pop up. operation success
- Enter the value of Assign Percent Assign Percent %
- Click the arrow in Assign type Assign Type Density ☒

CORNING EVERON™ 6000 SOLUTIONS

DEU ID: 10
Equipment Mode: 25G
Equipment Model: DEU-G2
Equipment SN: 9906Z0XB050
Firmware Version: 23.4.1.11_Everon_6000_DEU_P2 V01.00.03.88
Hardware Version: 1
Site Info: NA

Dashboard | DEU | RU | Function | User | Notification

Alarm Info | OP Info | Carrier Info | **Power Sharing**

Power Sharing

Calculate & Set DL ATTN Set Power Sharing By DCU ☐

Band	Assigned	Unassigned	Operator	Number of Carrier	Assign Percent	Assign Type
HighC	100%	0%	ATT	3	100 %	Density
LowC	100%	0%	ATT	2	100 %	Density
EANB	100%	0%	ATT	5	100 %	Density
1900B	100%	0%	ATT	4	100 %	Density
WCS	100%	0%	ATT	1	100 %	Density
2500	100%	0%	ATT	2	100 %	Density
700	100%	0%	ATT	3	100 %	Density
ESMR-850	100%	0%	ATT	2	100 %	Density
			ATT	1	50 %	Density
600	100%	0%	VZIW	1	50 %	Density

Figure 164. DEU25G Power Sharing

CORNING EVERON™ 6000 SOLUTIONS



DEU ID11
Equipment Mode10G
Equipment ModelDEU-G2
Equipment SNO906Z0XB17x
Firmware Version23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38
Hardware Version1
Site InfoNA



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RU
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User
Notification

Alarm Info
OP Info
Carrier Info
Power Sharing

Power Sharing

Calculate & Set DL ATTN
Set

Band	Assigned	Unassigned	Operator	Number of Carrier	Assign Percent	Assign Type
EAWS	100%	0%	ATT	5	100%	Density
1900B	100%	0%	ATT	4	100%	Density
WCS	100%	0%	ATT	1	100%	Density
2500	100%	0%	ATT	2	100%	Density
700	100%	0%	ATT	3	100%	Density
ESMR+850	100%	0%	ATT	2	100%	Density
600	100%	0%	ATT	1	50%	Density
			VWZ1	1	50%	Density

Figure 165.DEU 10 G Power Sharing

Corning Optical Communications

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5.3.2 DEU -> Function

5.3.2.1 Device Info

Click Function Device Info to view the time, latitude, longitude, and other information of 10G/25G device. The site info is defined by the user.

The screenshot shows the 'Device Info' page for a 25G DEU. The top header is 'CORNING EVERON™ 6000 SOLUTIONS' with a search icon and 'admin' user. Below the header, there's a device image and a list of basic information: DEU ID 2, Equipment Mode 25G, Equipment Model DEU-G2-25G, Equipment SN D430-DEU-B04, Firmware Version 23.4.2.11_Everon_6000_DEU_P2.V01.00.03.87, Hardware Version 1, and Site Info DEU222222222222. A sidebar on the left contains navigation links: Dashboard, DEU, RU, Function (highlighted), User, and Notification. The main content area shows a table of device status metrics.

Name	Value
Temperature	49°C
Power Temperature	30°C
DC Voltage	56.8V
AC Input Voltage	218.1V
DC Power Consumption	96W
AC Power Consumption	103W
Equipment Mode	25G
Fan Speed	5200r/min
Date/Time	2017-11-25 15:20:51
Uptime	21:17:45:00:00
Site Info	DEU222222222222
Longitude	E90
Latitude	N90
Optical Cross Status	●

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Figure 166.DEU25G Function Device Info

The screenshot shows the 'Device Info' page for a 10G DEU. The top header is 'CORNING EVERON™ 6000 SOLUTIONS' with a search icon and 'admin' user. Below the header, there's a device image and a list of basic information: DEU ID 1, Equipment Mode 10G, Equipment Model DEU-G2, Equipment SN 072245700F, Firmware Version 23.4.1.11_Everon_6000_DEU_P2.V02.00.03.38, Hardware Version 1, and Site Info NA. A sidebar on the left contains navigation links: Dashboard, DEU, RU, Function (highlighted), User, and Notification. The main content area shows a table of device status metrics.

Name	Value
Temperature	48°C
Power Temperature	29°C
DC Voltage	56.9V
AC Input Voltage	221.4V
DC Power Consumption	77W
AC Power Consumption	88W
Equipment Mode	10G
Fan Speed	5200r/min
Date/Time	2023-11-22 09:52:13
Uptime	00:17:04:30:00
Site Info	NA
Longitude	E113.411788091131
Latitude	N23.1439927554101
Optical Cross Status	●

Figure 167. DEU 10 G Function Device Info

5.3.2.2 Reset

Click Function Reset to clear the historical alarm, reset the software and hardware of the DEU, and reset the software and hardware of the RU connected to the DEU.