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EVlink Pro DC 720



Release Notes

EVlink Pro DC 720 Firmware Version 3.4.8912

Date: 15th July 2026

Document Scope

This release note presents the new features and modifications added to the following charging station products of Schneider Electric.

- EVlink Pro DC 720

Download the update file from Schneider Electric website: se.com

Commercial References

This chapter lists all commercial references that the product applied to this document.

Power Cabinet

No.	Reference	Description
1	EVD1S360-IEC	480 architecture range, 360 kW
2	EVD1S483-IEC	480 architecture range, 480 kW
3	EVD1S480-IEC	720 architecture range, 480 kW
4	EVD1S720-IEC	720 architecture range, 720 kW
5	EVD1S360-AN	480 architecture range, 360 kW, Australia and New Zealand
6	EVD1S483-AN	480 architecture range, 480 kW, Australia and New Zealand
7	EVD1S480-AN	720 architecture range, 480 kW, Australia and New Zealand
8	EVD1S720-AN	720 architecture range, 720 kW, Australia and New Zealand

- The references for the customized power range are not listed but also supported

Flood-standing Dispenser

No.	Reference	Description
1	EVD1D720TBB-IEC	380 A, CCS2 + CCS2, 5 m cable
2	EVD1D720TBBC7-IEC	380 A, CCS2 + CCS2, 7.5 m cable without cable management
3	EVD1D720TBB-AN	380 A, CCS2 + CCS2, Australia and New Zealand
4	EVD1D720TBBC7-AN	380 A, CCS2 + CCS2, Australia and New Zealand, 7.5 m cable without cable management

5	EVD1D720TBBCC-AN	380 A, CCS2 + CCS2, Australia and New Zealand, 5 m cable, payment terminal

Overhead Dispenser

No.	Reference	Description
1	EVD1T720P0B	380 A, CCS2, 10m cable
2	EVD1T720P0B-AN	380 A, CCS2, 10m cable, Australia and New Zealand

Firmware Package

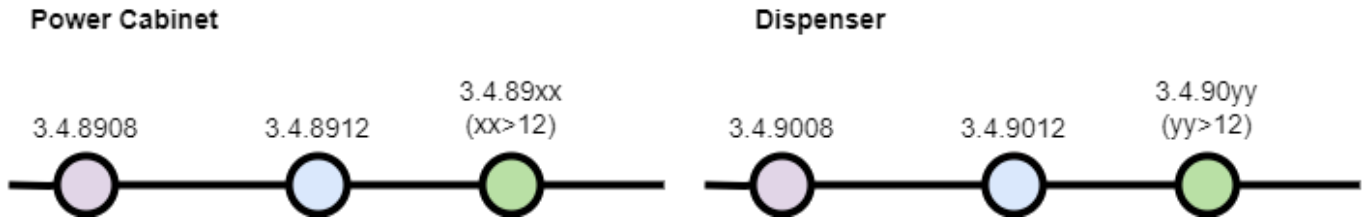
This chapter lists all published firmware packages that are applied to this document.

1. **DC720_FW_V3.4.8912(FOTA-PC).zip**
   Firmware package for Power Cabinet.
   SHA256: ec1816b1fd15bd03419cfc54c1494acd162559aa78226c86040014676b692011

2. **DC720_FW_V3.4.9012_247_1.8.31(FOTA-DISP).zip**
   Firmware package for Flood-standing Dispenser and Overhead Dispenser.
   SHA256: 304c79b815988489b793d6aea31b2d5acd36f867019ad24bbcc516d5afb6107b

3. **DC720_FW_V1.3.4(FOTA-IMD).zip**
   Firmware package for Isolation Monitor Device in Flood-standing Dispenser and Overhead Dispenser.
   SHA256: 5c826f69e14f2af250df3bc22025e006690bd116180c4201915df704465b4ba8

Please Note #1:
In this version, we support updating firmware with one package, so that in the future, we will publish one firmware package including Power Cabinet and Dispenser.
It makes this version to be a bridge version that the update path must go through. You must update to this version if firmware version is <3.4.8912 / <3.4.9012, and to update to the future version based on this version.



Please Note #2:
The firmware update of Isolation Monitor Device (IMD) is recommended to be performed, to version 1.3.4, if not already installed, after firmware updated to 3.4.8912/3.4.9012. The version of IMD can be checked via WEB interface in 3.4.9012.

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Components

This chapter lists the firmware version of all child components.

Power Cabinet

	Main Control
Power Cabinet	3.4.8912

Dispenser

	Main Control	Charging Control	SECC
Flood-standing Dispenser	3.4.9012	2.4.7	1.8.31
Overhead Dispenser	3.4.9012	2.4.7	1.8.31

Contents

Enhancements

1. Easy commissioning.
   - Users can login to the WEB interface of Power Cabinet and locate the Dispenser via blinking the LED of it by clicking a button in this interface.
2. Multiple language support.
   - English
   - Français (French)
   - Deutsch (German)
   - Norsk (Norwegian)
   - Español (Spanish)
   - Svenska (Swedish)
   - ไทย (Thai)
   - Dansk (Danish)
   - Việt nam (Vietnamese)
   - Português (Portuguese)
   - Dutch (Dutch)
   - Italiano (Italian)
   - Magyar (Hungarian)
   - български (Bulgarian)
   - Українська (Ukrainian)
   - Suomi (Finnish)
   - čeština (Czech)
   - Indonesia (Indonesian)
   - Română (Romanian)
   - עברית (Hebrew)
   - العربية(Arabic)
   - Latviešu (Latvian)
   - Lietuvių (Lithuanian)
   - Eesti (Estonian)
   - Ελληνικά (Greek)
   - Welsh
   - Türkçe (Turkish)
   - Hrvatski (Croatian)
   - Српски (Serbian)
   - Polski (Polish)
   - Slovenština (Slovak)
3. Error code improvement. Now there is information with the error code text displayed on EV driver HMI indicating on which device the error occurs (on Power cabinet, another dispenser or this dispenser).
4. Remove firmware version in EV driver HMI.
5. Allow to connect some OCPP supervision who have a TLS certification with wildcards.

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Fixed Issues

1. Fixed the issue that sometimes a soft reset will cause the system freeze.
2. Fixed some confusing statements in HMI screen.
3. Fixed buzzer sounds three times when system power-on.
4. Fixed the issue that SECC could not update when SD card is full. Now SECC will keep enough space in SD cards for firmware update. But if the SD card is already full before update to this version, it still needs a manually clear.
5. The charger will not work fine to have a soft reboot with a long power time more than 49 days.

Firmware Upgrading

This chapter describes all firmware upgrading methods and some important notes.

There are 3 possibilities to upgrade the firmware.

1. Upgrade through webpage from the Power Cabinet.
2. Upgrade through OCPP supervision system.
3. Upgrade through EV Charging Expert.

NOTE:

1. In the current version, the upgrade strategy adopts a separate approach for the Power Cabinet and the Dispenser, where each component has its own independent firmware package. The Power Cabinet and the Dispenser shall be upgraded sequentially until the upgrade of the Power Cabinet, and all Dispensers are fully completed.
2. **The Power Cabinet and Dispensers shall not operate with mismatched software versions.** The version compatibility rule requires that the last two digits of the major version number must be identical.
   a) 3.4.8908/3.4.9008, matched
   b) 3.4.8905/3.4.9008, not matched
3. **In most cases, the Dispenser should be upgraded first**. After the Dispenser upgrade is successfully completed, the Power Cabinet should then be upgraded to prevent potential version mismatch issues, except for the following situation.
   a) When the Power Cabinet version is too outdated to establish communication with Dispensers.
4. **All Dispensers shall operate on the same firmware version.** Operation with mixed software versions among Dispensers is not permitted.

Firmware upgrade through WEP Page of Power Cabinet

Access WEB page of Power Cabinet from local network/remote, login and go to Download/Upload page to upload the firmware package and start firmware upgrade.
For more details, please refer to *EVlink Pro DC 720 Commissioning Guide*.

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Firmware upgrade through OCPP Supervision System

If the charging station is already in service and connected to a supervision system, the update is then possible remotely from the supervision, which avoids a physical intervention on the charger.

The firmware update can be done from OCPP supervision and requires a charging station reboot, led by OCPP. For more information, please refer to *Open Charge Point Protocol 1.6*.

NOTE:

- To connect to a supervision in WSS or download FW package via HTTPS, the charging station must be at the current date and time.
- Firmware update can fail. If it happens, please retry.

Firmware upgrade through EV Charging Expert

If the charging station is already in service and connected to EV Charging Expert, then the update is then possible remotely from EV Charging Expert, which avoids physical intervention on the charger.

Charging station updates can be done through EV Charging Expert user interface, please see *EcoStruxure™ EV Charging Expert User Guide* for more information.

IMD firmware update is not possible through EVCE.
In case of “insulation fault” reported by the charger please check the insulation value or do following steps.

6. Either perform locally hardware reboot of the charger
7. Perform IMD firmware update to version 1.3.4 either from WEB or OCPP supervision system.

Known Issues & Limitations

1. If the SD card is already full before update to this firmware version, it still needs a manually clear.
2. Do not attempt to modify the IP address, subnet mask, or gateway settings of the Power Cabinet and Dispenser via the web interface, even though these parameters appear to be editable. Such modifications may lead to system inconsistencies or unexpected issues. Support for safely modifying these parameters will be provided in a future release.
3. When the connection between the Power Cabinet and the Dispenser is lost, the screen does not display an error status, which may lead to misleading information. In such cases, the LED indicator turns red, and the LED indication shall be regarded as the authoritative source for the system error status.
4. The SD card of any device within the system shall only be inserted or removed when the power is off. Hot swapping may lead to unexpected issues.
5. In rare cases, the SECC component may fail to upgrade, or the version number may remain unchanged after a reported successful upgrade. In such cases, a hard reboot shall be performed before attempting the upgrade again.
6. Please note that in the current version, the web interface does not perform proper validation for configuration operations. Therefore, the configuration manual shall be strictly followed when performing system configuration. For example, the web interface does not prevent duplicate connector IDs from being configured.

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7. There may be (< 30%) some power loss in meter values (< 0.2 kWh) when stop the charging session with emergency stop button.
8. For some known EVs below, it will cause error *0x10029a* after plug-in the connector. Please re-plug the connector to solve this problem.
   a) Morris Garages - MG4

Reference Resources

- ***EcoStruxure™ EV Charging Expert User Guide***
  DOCA0358EN-07, Schneider Electric,

- ***EVlink Pro DC 720 Commissioning Guide***
  D3998055, Schneider Electric, Electrical and Communication guidelines of DC720.

- ***EVlink Pro DC 720 OCPP Protocol Connectivity Guide***
  D3999128, Schneider Electric, OCPP guide of DC720

- ***Open Charge Point Protocol 1.6***
  e1.6, Open Charge Alliance, published at https://www. openchargealliance.org/ on 12/2019.

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