

# Schneider StarCharge Fast 720



## Release Notes

### Schneider StarCharge Fast 720 Firmware Version 3.4.8908

Date: 15 May 2026

#### Document Scope

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

- Schneider StarCharge Fast 720

Download the update file from Schneider Electric website : [se.com](https://se.com)

#### Commercial References

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

##### Power Cabinet

No.	Reference	Description
1	EVD1S360	480 architecture range, 360 kW
2	EVD1S483	480 architecture range, 480 kW
3	EVD1S480	720 architecture range, 480 kW
4	EVD1S720	720 architecture range, 720 kW

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

##### Flood-standing Dispenser

No.	Reference	Description
1	EVD1D720TBB	380 A, CCS2 + CCS2, 5 m cable
2	EVD1D720TBBC7	380 A, CCS2 + CCS2, 7.5 m cable without cable management
3	EVD1D720TBBC	380 A, CCS2 + CCS2, 5 m cable, payment terminal
4	EVD1D720TBB-G	380 A, CCS2 + CCS2, Eichrecht
5	EVD1D720TBBC7-G	380 A, CCS2 + CCS2, Eichrecht, 7.5 m cable without cable management
6	EVD1D720TBBC-G	380 A, CCS2 + CCS2, Eichrecht, 5 m cable, payment terminal

##### Overhead Dispenser

No.	Reference	Description
1	EVD1T720P0B	380 A, CCS2, 10m cable

## Firmware Package

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

### 1. DC720\_FW\_V3.4.8908(FOTA-PC).zip

Firmware package for Power Cabinet.

SHA256: DAD6F18F031C9185DB90EE9E9966C593101F009421133302BF80D9DAE48B2640

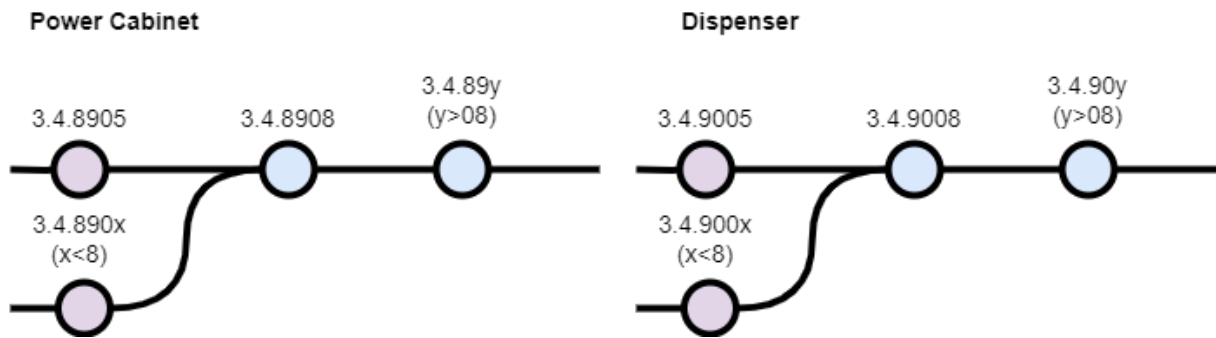
### 2. DC720\_FW\_V3.4.9008\_243\_1.8.20(FOTA-DISP).zip

Firmware package for Flood-standing Dispenser and Overhead Dispenser.

SHA256: A7CD7387144C19B753C3AC7739B88F0A8A8881532FD3F817EF67C5D6861B7208

#### Please Note:

As this is the first externally released upgradable version and includes certain changes that are not forward compatible with earlier versions, all previous versions must be upgraded to this version first before further upgrading to subsequent versions.



## Components

This chapter lists the firmware version of all child components.

### Power Cabinet

	Main Control
Power Cabinet	3.4.8908

### Dispenser

	Main Control	Charging Control	SECC
Flood-standing Dispenser	3.4.9008	2.4.3	1.8.20
Overhead Dispenser	3.4.9008	2.4.3	1.8.20

## Contents

### Enhancements

1. Multiple safety protections are included, list some of them here.
  - Cooling
  - Temperature monitor
  - Cable cutting detection
  - DC +/- cross connection check
  - Flood detection
  - Door open detection
  - Emergency stop
  - Cube tilt detection
  - Humid and wet detection
  - SPD protection
  - DC contactor exception status detection
  - Power switch contactor exception status detection
2. Flexible power distribution. The power distribution will be triggered in the following 3 scenarios. And will try to meet the request power to have high efficiency.
  - Charging session start/stop.
  - Power limitation of the whole has been updated.
  - EV request changed and it be able to release/or need to append a new power unit.
3. VDV261 is now supported.
4. BCB wakeup is now supported.
5. 600A/5mins and 500A/10mins, two types of BOOST mode are now supported.
6. ISO 15118 Plug & Charge (P&C) is now supported and can be enabled via the Power Cabinet web interface.
  - In the current version, ISO 15118 Plug & Charge (P&C) shall not be used in combination with other authentication methods (e.g. RFID or Auto Charge). Please expect a future release.
  - Remote enabling via OCPP of Plug & Charge (P&C) is not supported in the current version and is planned for a future release.
7. The Insulation Monitoring Device (IMD) now supports remote firmware upgrade via over-the-air (OTA).
  - The Insulation Monitoring Device (IMD) firmware shall not be released together with the main software package. A separate IMD firmware package shall be made available on the official website and shall be upgraded independently by the user.
8. Due to the increased number of connectors in split-type chargers and the potential for higher volumes of transaction and metering data during offline operation, two dedicated configuration keys are provided to allow the charger to deviate from strict OCPP message sequencing requirements. For more details, refer to the *Schneider StarCharge Fast 720 OCPP Protocol Connectivity Guide*.

### Fixed Issues

1. A monitoring mechanism has been implemented to handle a known issue in 8905 where a freeze of the embedded chip may cause the charger to become unresponsive and disconnected.

- Upon detection, a hard reboot is automatically performed to eliminate the need for on-site power-off/on. A permanent fix for this issue is planned in a future release.
2. An incorrect value is reported for `Power.Offered` in OCPP MeterValues.
  3. The uploaded tariff image is not displayed completely.

## 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 *Schneider StarCharge Fast 720 Commissioning Guide*.

### 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.

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

**Known Issues & Limitations**

1. 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.
2. 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.
3. 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.
4. 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.
5. After a power cycle, the floor-standing Dispenser may emit three buzzer beeps. This is expected behavior and will be improved in a future release.
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.

**Reference Resources**

**Schneider Electric Industries SAS**  
35, rue Joseph Monier  
CS 30323  
F - 92506 Rueil Malmaison Cedex  
  
www.se.com

**Electrical equipment and systems must be installed, connected and used in compliance with prevailing standards and/or installation regulations.**  
As standards, specifications and design change from time to time, always ask for confirmation of the information given in this publication.  
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- **EcoStruxure™ EV Charging Expert User Guide**  
DOCA0358EN-07, Schneider Electric,
- **Schneider StarCharge Fast 720 Commissioning Guide**  
D3998054, Schneider Electric, Electrical and Communication guidelines of DC720.
- **Schneider StarCharge Fast 720 OCPP Protocol Connectivity Guide**  
D3999127, Schneider Electric, OCPP guide of DC720
- **Open Charge Point Protocol 1.6**  
e1.6, Open Charge Alliance, published at [https://www. openchargealliance.org/](https://www.openchargealliance.org/) on 12/2019.