

Release notes V32.R34

Release date: 18-10-2024

Version: EVC50V32R34

Supported Hardware:

- EVC 4.22
- EVC 4.3x
- EVC 5.2 AC
- ECC1
- EVC 5.2 DC (CCS)
- ECC1 DC (CSS)
- EVC 5.2 DC (CHAdemo)

New features

	Description	AC	DC
1	Added support for delivering energy back to the powergrid (for appliances such as Solar Panels).	✓	
2	Implemented automatic reset of the GSM after 1 hour of no communication.	✓	✓
3	Added support for DC meter Eastron DCM6 650/200 series.		✓

Improvements

Generic Improvements

	Description	AC	DC
1	A StopTransaction message is now sent to central system when charging session fails to start.	✓	✓
2	Improved the CP line sampling and status detection.		✓
3	Improved selection of the V2G protocol base on priority according to the standard.		✓
4	FNET ephemeral port range has been made IANA-compliant.		✓
5	During initialization of a DC charging session, the SDP UDP port is now correctly set to 15118.		✓
6	Improved algorithm for calculating the power value, when using a calculated meter for DC.		✓
7	Correct display of the power value on the LCD display.		✓

Summarize



OCPP1.6j compliancy

	Description	AC	DC
1	Clock-aligned & Sampled metervalues are now working according to OCPP1.6J.	✓	✓
2	Fixed bootNotification handling for not accepted responses.		✓
3	Implemented firmware status notifications as per OCPP 1.6J.		✓
4	Removed unit of the frequency measurand.		✓
5	Removed the incorrect usage of utility meter values for connectorId 0.		✓
6	Fixed some issues regarding remote request commands.		✓

Connectivity

	Description	AC	DC
1	Improved the stability of overall connection and communication between charger and backend.		✓
2	Fixed roaming connectivity issues.		✓

Future Improvements

	Description
1	OCPP1.6j compliance.
2	Additional DC improvements.
3	Enhancements to the grid functionality of the charging station.

