



AHP 2.0.0 - back office (OCPP) configuration key list

Related to firmware version: 2.0.0

Date: 2024-04-29

List of changes (1.3.0 → 2.0.0)

- Add feature key support
 - The existing “FeatureLicenseKey” and “FeatureObjectId” keys are now functional
 - Added “UnlockedFeatures”
- Added “Language”
- Add minimal AFIR compliance configuration keys
 - Added “QRCodeURL1”
 - Added “QRCodeURL2”
 - Added “Pricing-Currency”
 - Added “Pricing-StartPrice”
 - Added “Pricing-EnergyPrice”
 - Added “Pricing-MinutePrice”
 - Added “Pricing-ShowComponent”
 - Added “Pricing-Other”
 - Added “Pricing-OtherSpecifier”
 - Added “UniqueQrConfiguration”
- Added “TemperatureHigh” and “TemperatureLow”
 - Note: these were already functional since version 0.15, but missing from the table.

Legend

Legend	Description
	New in AHP compared to NG9xx
	Deprecated in AHP compared to NG9xx

Table

Note that the configuration keys in the table are in alphabetical order *per category*.

Backoffice Information <i>(will be used in release notes)</i>					Introduced in Version
Configuration key	Description	Value	Access	Origin	
Alerts					
TemperatureHigh	The set upper internal temperature limit (°C) on which a CS will send a temperature alert and pause charging.	Float Default: 75.0	Read / Write	Alfen	0.13.0
TemperatureLow	The set lower internal temperature limit (°C) on which a CS will send a temperature alert and pause charging.	Float Default: -25.0	Read / Write	Alfen	0.13.0
Authorization					
AbortConcurrentTx	Abort an ongoing transaction when a back office reports a "ConcurrentTx" status as a reply to the StartTransaction request.	True or False Default: True	Read / Write	Alfen	0.13.0
AllowOfflineTxForUnknownId	Allow transactions for unknown identifiers when CS is offline. When the CS is online again the status of the identifier is checked and updated in the whitelist accordingly.	True or False Default: True	Read / Write	Ocpp	0.13.0
AuthorizeRemoteTxRequests	Verify whether the used identifier used in a RemoteStartTransaction request is authorised by the back office before starting the transaction.	True or False Default: False	Read / Write	Ocpp	0.13.0
AuthorizationCacheEnabled	Indicates whether the CS has an Authorization Cache or not. Options: True: Authorization Cache present. False: Authorization Cache not present.	True or False Default: True	Read / Write	Ocpp	0.13.0
AuthorizationMethod	The interaction used by the CS to start a transaction. Options: <ul style="list-style-type: none"> RFID: CS always requires an RFID card to start charging. Plug&Charge: CS will always use the configured configuration key "PlugAndChargeIdentifier" to start 	Default: Determined per order	Read / Write	Alfen	0.13.0

	a transaction upon detecting an Electric Vehicle (EV).				
LocalAuthListEnabled	Enable/Disable the local authorization list.	True or False Default: True	Read / Write	OCPP	0.13.0
LocalAuthListMaxLength	Maximum number of identifications that can be stored in the Local Authorization List.	1000	Read only	OCPP	0.13.0
LocalAuthorizeOffline	Whether an offline CS will start a transaction for locally authorized identifiers.	True or False Default: True	Read / Write	OCPP	0.13.0
LocalPreAuthorize	Whether an online CS will start a transaction for locally authorized identifiers. The identifier will be verified based on the StartTransaction.req by the back office.	True or False Default: True	Read / Write	OCPP	0.13.0
PlugAndChargeIdentifier	Identification that a Plug&Charge CS will use to report transactions to the back office.	String[20] Default: empty	Read / Write	Alfen	0.13.0
SendLocalListMaxLength	Maximum number of identifications that can be sent in a single SendLocalList.req.	0 - 4294967296 Default: 1000	Read only	OCPP	0.13.0
StopTransactionOnEVSideDisconnect	When set to true, the CS shall stop the transaction when the cable is unplugged from the EV. This depends on the value that is set for configuration key "DisconnectAction".	True or False (Switch between Continue and Abort) Default: False	Read / Write	OCPP	0.13.0
StopTransactionOnInvalidId	Whether the CS will stop a currently running transaction when it receives a non- Accepted authorization status in a StartTransaction.conf from the back office. True: CS will stop the transaction and keep the plug locked until RFID card is presented. False: CS will stop charging but keep the plug locked until RFID card is presented.	True or False Default: False	Read / Write	OCPP	0.13.0
UnlockConnectorOnEVSideDisconnect	When set to true, the CS shall unlock the cable on CS side when the cable is unplugged at the EV. This depends on the value that is set for configuration key "DisconnectAction".	True or False True = Unlock, False = Abort Default: False	Read / Write	OCPP	0.13.0

WhiteListEnabled	Enable/Disable the Authorization Cache. If this key does not exist the Authorization Cache is disabled. (Same as AuthorizationCacheEnabled)	True or False Default: True	Read / Write	Alfen	
Connectivity					
APN-Name	Access Point Name (APN) that the station connects to when the configuration key "Network" is configured as value "Wireless" or "Auto".	String[32]	Read / Write	Alfen	0.13.0
APN-Password	Password that the station uses to log in to the APN.	String[32]	Read / Write	Alfen	0.13.0
APN-User	Username that the station uses to log in to the APN.	String[32]	Read / Write	Alfen	0.13.0
BackOffice-URL-APN	URL and port of the back office server for the GPRS (Wireless) connection (for instance: ws://for instanceserver.nl:9090).	String[255]	Read / Write	Alfen	0.13.0
BackOffice-Path-APN	Path of the back office server for the GPRS (Wireless) connection (for instance: /chargingstations/OCPPWS16).	String[255]	Read / Write	Alfen	0.13.0
BackOffice-URL-wired	URL and port of the back office server for the LAN (Wired) connection (for instance: ws://for instanceserver.nl:9090).	String[255]	Read / Write	Alfen	0.13.0
BackOffice-Path-wired	Path of the back office server for the LAN (Wired) connection (for instance: /chargingstations/OCPPWS16).	String[255]	Read / Write	Alfen	0.13.0
ClockAlignedDataInterval	Interval time (s) that the CS sends clock-aligned data. Clock aligned data is send based on clock time. When value = 900 data will be send at 00:15, 00:30, 00:45, 01:00, 01:15, etc.. '0' to disable clock data (default is 0 because per default "MeterValueSampleInterval" is being used).	60 – 2147483647 Default: 0	Read / Write	OCPP	0.13.0
HeartBeatInterval	Maximum elapsed time (s) from the last successful back office message exchange until a new heartbeat	30 – 2147483647 Default: 900	Read / Write	OCPP	0.13.0

	<p>message will be sent.</p> <p>Set to "0" to disable sending of heart beats.</p>				
MeterValuesAlignedData	<p>Clock-aligned measurand(s) to be included in every meter value. The interval can be changed by changing the key "ClockAlignedDataInterval". A combination, up to 9, of measurands is supported</p> <p>The measurand(s) that are supported are the same as for configuration key "MeterValuesSampledData".</p>	<p>2 – 2147483647</p> <p>Default: none</p>	<p>Read / Write</p>	<p>OCPP</p>	<p>0.13.0</p>
MeterValuesAlignedDataMaxLength	<p>Maximum number of items in the configuration key "MeterValuesAlignedData".</p>	<p>Fixed value, returns 64.</p>	<p>Read only</p>	<p>OCPP</p>	<p>0.13.0</p>
MeterValueSampleInterval	<p>Interval time (s) that the CS sends sampled data. Sampled data is send related to the start time of the transaction. For instance, a value of 900 indicates that every 15 minutes data will be send during a transaction.</p> <p>"0" to disable sampled meter values.</p>	<p>2 – 2147483647</p> <p>Default: 900</p>	<p>Read / Write</p>	<p>OCPP</p>	<p>0.13.0</p>
MeterValuesSampledData	<p>Sampled measurand(s) to be included in every meter value. The interval can be changed by changing the key "MeterValueSampleInterval". A combination, up to 9, of measurands is supported. The measurands can be combined by separating the value by a comma ","</p> <p>Value example: 'Energy.Active.Import.Register,Voltage.L1-N,Current.Import.L1'</p> <p>Supported values: Energy.Active.Import.Register, Power.Active.Import, Current.Import, Voltage, Temperature, Current.Offered, Frequency, Power.Factor</p> <p>Measurand(s) must be combined with the phase (separated by a dot '.') Supported phases: Voltage meter values support phase configuration: L1-N, L2-N, L3-N, L1-L2, L2-L3, L3-L1 Value example: 'Voltage.L1-N'</p>	<p>Default: Energy.Active.Import.Register</p>	<p>Read / Write</p>	<p>OCPP</p>	<p>0.13.0</p>

	<p>Current, power and power factor meter values support phase configuration: L1, L2, L3 Value example: 'Current.Import.L1'</p> <p>When the 'SmartChargingMode' (OCPP 1.5+) is being used, the following measurands are available: Supported values: Current.L1 ; Current.L2 ; Current.L3</p>				
MeterValuesSampledDataMaxLength	Maximum number of items in the "MeterValuesSampledData" configuration key.	Fixed value, returns 64.	Read only	OCPP	0.13.0
MobileNetworkPreference	This key sets the preferred Radio Access Technology when the charging station is booted. The actual Radio Access Technology may change depending on modem capabilities and the setting of the "MobileNetworkSelection" key. Writing a new value will be rejected if the installed modem does not support the requested Radio Access Technology.	2G, 3G or 4G Default: 4G	Read / Write	Alfen	0.13.0
MobileNetworkSelection	When set to "manual", the modem is forced to use the Radio Access Technology as specified in key "MobileNetworkPreference". When set to "auto", the Charging Station may decide to use another supported Radio Access Technology to establish communication to the Central System.	auto or manual Default: auto	Read / Write	Alfen	0.13.0
ModemPowerOnCtr	Number of times the modem power supply was turned on.	UINT32	Read only	Alfen	1.3.0
ModemPowerOffCtr	Number of times the modem power supply was turned off.	UINT32	Read only	Alfen	1.3.0
ModemPollStatusTimeoutCtr	Number of times the communication to the modem failed (reached end of a retry mechanism).	UINT32	Read only	Alfen	1.3.0
ModemInitFailedCtr	Number of times the initialization of the modem failed.	UINT32	Read only	Alfen	1.3.0
Network	<p>Network connection type. Options:</p> <ul style="list-style-type: none"> • None • Wired: using the LAN/UTP interface • Wireless: GPRS connection 	<p>Default: Determined per order</p> <p>When not set in the order, the default is 3</p>	Read / Write	Alfen	0.13.0

	<ul style="list-style-type: none"> Auto: When available the wired connection will be used, when the back office can't be reached using the wired connection the CS will automatically switch to wireless. 				
ProtocolName	<p>Ocpp communication protocol.</p> <p>Options:</p> <ul style="list-style-type: none"> ocpp/json ocpp/soap 	<p>Default: Determined per order</p> <p>When not set in the order, the default is: ocpp/json</p>	Read only	Alfen	0.13.0
ProtocolVersion	<p>Ocpp protocol version number.</p> <p>Options:</p> <ul style="list-style-type: none"> OCPP1.5 OCPP1.6 OCPP2.0.1 	<p>String[10]</p> <p>Default: 1.6</p>	Read / Write	Alfen	0.13.0
TransactionMessageAttempts	<p>Maximum number of times that the CS retries to submit a transaction-related message when the back office fails to process it.</p>	<p>1 – 65535</p> <p>0 = Retry indefinitely</p> <p>Default: 0</p>	Read / Write	OCPP	0.13.0
TransactionMessageRetryInterval	<p>Wait time (s) between resubmitting transaction related messages that the back office failed to process.</p>	<p>0 - 2147483647 in seconds</p> <p>Default: 60</p>	Read / Write	OCPP	0.13.0
TransactionMessageSendInterval	<p>Wait time between sending the next transaction related message to the back office.</p>	<p>0 - 1000000 in milliseconds</p> <p>Default: 1000</p>	Read / Write	OCPP	0.13.0
WebSocketPingInterval	<p>Interval (s) between pings (only relevant for Websocket connections). Set to '0' to disable client side websocket Ping/Pong. In this case there is either no ping/pong or the server initiates the ping and client (CS) responds with Pong.</p>	<p>0, 30 - 2147483647 in seconds.</p> <p>Default: 120</p>	Read / Write	OCPP	0.13.0
General					
AllowAlphaRelease	<p>Allow installation of alpha releases.</p>	<p>True or False</p> <p>Default: False</p>	Read / Write	Alfen	1.2.0
DHCPAddress-wired	<p>The DHCP address of the Charging Station (only filled in when the Charging Station is connected to a DHCP server).</p>	<p>String</p>	Read only	Alfen	0.15.0
DisconnectAction	<p>Action to take on EV disconnect after DisconnectTimeout has passed.</p> <p>Continue: Continue charging.</p>	<p>Default: Continue</p>	Read / Write	Alfen	0.15.0

	<p>Abort: Abort the session but keep the cable locked.</p> <p>Unlock: Abort the session and unlock the cable.</p> <p>UnlockWhenOffline: Using Continue behaviour when online and use Unlock behaviour when offline.</p>				
DisconnectTimeout	The EV disconnect timeout before taking the DisconnectAction in seconds.	<p>Uint16</p> <p>Default 2 seconds</p>	Read / Write	Alfen	0.15.0
FeatureLicenseKey	Current installed LicenseKey. A new LicenseKey that unlocks features can be purchased from Alfen via a purchase order (webshop or cporders@alfen.com).	Default: Determined per order	Read / Write	Alfen	0.13.0
FeatureObjectId	The product unique ID used to purchase a new LicenseKey. Make sure to share this ID on your purchase order.	Default: Determined per order	Read only	Alfen	0.13.0
Identity	The identity code that is used to identify the charging station (CS) in the back office.	<p>String[20]</p> <p>When not set in the order, the default is AL1000</p>	Read / Write	Alfen	0.13.0
Language	System language	<p>String[9]</p> <p>Default en_GB</p> <p>Options: cs_CZ, de_DE, es_ES, fr_FR, is_IS, lv_LV, nn_NO, pt_PT, sk_SK, sv_SE, da_DK, en_GB, fi_FI, hu_HU, it_IT, nl_NL, pl_PL, ro_RO, sl_SI</p>	Read / Write	Alfen	2.0.0
Latitude	Latitude of the CS location, needed to calculate dusk and dawn for automatically adjusting the LEDs/display intensity after interaction. In sleep mode the display will always adjust to its lowest intensity.	<p>Float</p> <p>Default: 52.402271</p>	Read / Write	Alfen	0.13.0
Longitude	Longitude of the CS location, needed to calculate dusk and dawn for automatically adjusting the LEDs/display intensity after interaction. In sleep mode the display will always adjust to its lowest intensity.	<p>Float</p> <p>Default: 5.243745</p>	Read / Write	Alfen	

SupportedFeatureProfiles	Comma separated list of supported features. Options: <ul style="list-style-type: none"> • Core • FirmwareManagement • LocalAuthListManagement • Reservation • SmartCharging • RemoteTrigger 	Core, FirmwareManagement, LocalAuthListManagement, Reservation, RemoteTrigger, SmartCharging	Read only	OCPP	0.13.0
SupportedFeatureProfilesMaxLength	Maximum number of items in the "SupportedFeatureProfiles" configuration key.	0 - 255 Default: 6	Read only	OCPP	0.13.0
TimeReportWhenNotCharging	After the expiration of the set time the UI will indicate the car is not charging by turning on the Orange LED.	0 - 65535	Read / Write	Alfen	1.3.0
TimeUnlockWhenNotCharging	After the expiration of the set time the EVSE will stop the transaction and unlock the cable.	0 - 65535	Read / Write	Alfen	1.3.0
UnlockedFeatures	String representation of all unlocked features	String	Read	Alfen	2.0.0

Interface

QRCodeURL1	QR code url to display for connector 1	String[244]	Read/Write	Alfen	2.0.0
QRCodeURL2	QR code url to display for connector 2	String[244]	Read/Write	Alfen	2.0.0
Pricing-Currency	Currency to display	String[4] w ISO 4217 code that should be replaced by the currency symbol when available. Available symbols: USD, GBP, EUR and DKK.	Read/Write	Alfen	2.0.0
Pricing-StartPrice	Start price of a new transaction	Float 32bit	Read/Write	Alfen	2.0.0
Pricing-EnergyPrice	Energy price of a new transaction	Float 32bit	Read/Write	Alfen	2.0.0
Pricing-MinutePrice	Minute price of a new transaction	Float 32bit	Read/Write	Alfen	2.0.0

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Pricing-ShowComponent	Show specific price components	<p>String list, following options:</p> <pre>disclaimer, perKwh, perHour, perSession, perOther</pre> <p>These will determine which pricing elements will be shown on the screen.</p> <ul style="list-style-type: none"> • disclaimer: This is a hardcoded text field in the translations file. • perKwh: Display Pricing-EnergyPrice • perMinute: Display Pricing-MinutePrice • perSession: Display Pricing-StartPrice • perOther: Display Other price , but only if Other specifier is filled in as well 	Read/Write	Alfen	2.0.0
Pricing-Other	Other price of a new transaction	Float 32bit	Read/Write	Alfen	2.0.0
Pricing-OtherSpecifier	Other specifier for Pricing-Other	<p>String[33]</p> <p>Specifier for Pricing-Other. If this is empty Pricing-Other won't be displayed.</p>	Read/Write	Alfen	2.0.0
UniqueQrConfiguration	If the QR should be made unique by the station.	<p>String: default: Alfen .</p> <p>"" for not unique, Alfen for adding a post fix every minute to the QR code to make it unique. Postfix format ?/&id=<object_id, truncated to 11 bytes>&c=<connector_index>&h=<hash of</p>	Read/Write	Alfen	2.0.0

timestamp,
truncated to 8
bytes>

ISO 15118

AutochargeMethod	<p>Parm = Send tag on first SLAC message</p> <p>Match = Send tag on last SLAC message</p> <p>NetworkInfo = Send tag after receiving the network info (use the Homeplug MAC address)</p>	Parm	Read / Write	Alfen	0.13.0
Connector1-EVSEID	The unique EVSE ID of connector 1	String Default: NL-ALF-E123456-01	Read / Write	Alfen	0.13.0
Connector2-EVSEID	The unique EVSE ID of connector 2	String Default: NL-ALF-E123456-02	Read / Write	Alfen	0.13.0
EnableAutoCharge	Enable or disable ISO15118 autocharge	False	Read / Write	Alfen	0.13.0

Load balancing

ChargeProfileMaxStackLevel	Max StackLevel of a ChargingProfile. The number defined also indicates the max allowed number of installed ChargingProfiles per Charging Profile Purpose.	Integer Default: 30	Read only	OCPP	0.13.0
ChargingScheduleAllowedChargingRateUnit	A list of supported quantities for use in a ChargingSchedule.	String[16] Default: Currently only "Current" is supported	Read only	OCPP	0.13.0
ChargingScheduleMaxPeriods	Maximum number of periods that may be defined per ChargingSchedule.	200	Read only	OCPP	0.13.0
ConnectorPhaseRotationMaxLength	Maximum number of items in a ConnectorPhaseRotation Configuration Key.	Always returns 3	Read only	OCPP	0.13.0
ConnectorSwitch3to1PhaseSupported	If true, the CS supports switching from 3 to 1 phase during a charging session.	False	Read only	OCPP	0.13.0

MaxChargingProfilesInstalled	Maximum number of charging profiles installed.	50	Read only	OCP	0.13.0
Safe-MaxCurrent	<i>NOT PRESENT, Please now use the Connector1-Safe-MaxCurrent and Connector2-Safe-MaxCurrent</i>				
SCN-AlternatingPeriod	<p>When the sum of all minimum charging currents is higher than the available current for the Smart Charging Network, the Smart Charging Network will alternate the sockets between charging and suspending.</p> <p>During AlternatingPeriod: Charging time per socket = "SCN-AlternatingPeriod" (s) / number of active charging sessions in the Smart Charging Network</p>	<p>900 - 36000 (seconds) Default: 900</p>	Read / Write	Alfen	0.13.0
SCN-IsEnabled	Is Smart Charging Network unlocked	<p>True or False Default: depends on the order (True when the SCN feature is unlocked)</p>	Read only	Alfen	1.2.0
SCN-NetworkName	Name of the Smart Charging Network. This should be identical for all CSs in one Smart Charging Network.	<p>String[7] Default: empty</p>	Read / Write	Alfen	0.13.0
SCN-PhaseMapping-1	<p>Configure based on the order that the phases are connected inside the CS. Phase mapping is used by the Smart Charging Network to adjust available current per socket. For single feeder cable models "SCN-PhaseMapping-1" (left socket) is identical to "SCN-PhaseMapping-2" (right socket).</p> <p>Options:</p> <ul style="list-style-type: none"> • 0 = None • 1 = L1 • 2 = L2 • 3 = L3 • 4 = L1L2L3 • 5 = L1L3L2 • 6 = L2L1L3 • 7 = L2L3L1 • 8 = L3L1L2 • 9 = L3L2L1 <p>It's advised to apply phase</p>	<p>Default: 4 Determined during installation</p>	Read / Write	Alfen	1.2.0

	<p>mapping in the following order: L1 L2 L3 -> L3 L1 L2 -> L2 L3 L1 - -> and continue in this order.</p>				
SCN-PhaseMapping-2	<p>Configure based on the order that the phases are connected inside the CS. Phase mapping is used by the Smart Charging Network to adjust available current per socket. For single feeder cable models "SCN-PhaseMapping-1" (left socket) is identical to "SCN-PhaseMapping-2" (right socket)</p> <p>Options:</p> <ul style="list-style-type: none"> • 0 = None • 1 = L1 • 2 = L2 • 3 = L3 • 4 = L1L2L3 • 5 = L1L3L2 • 6 = L2L1L3 • 7 = L2L3L1 • 8 = L3L1L2 • 9 = L3L2L1 <p>It's advised to apply phase mapping in the following order: L1 L2 L3 -> L3 L1 L2 -> L2 L3 L1 - -> and continue in this order.</p>	<p>Default: 4 Determined during installation</p>	<p>Read / Write</p>	<p>Alfen</p>	<p>1.2.0</p>
SCN-SocketCount	<p>Total number of sockets in the Smart Charging Network. Eve single has 1 socket, Eve double has 2 sockets, etc... Determined by initialization during installation.</p>	<p>0 - 255 Default: 1</p>	<p>Read / Write</p>	<p>Alfen</p>	<p>1.2.0</p>
SCN-SocketID	<p>The ID of the left socket that is defined by the Smart Charging Network. This should always be unique and in chronologic order for all sockets in the Smart Charging Network. Determined by initialization during installation.</p>	<p>0 - 255 Default: 0</p>	<p>Read / Write</p>	<p>Alfen</p>	<p>1.2.0</p>
SCN-SocketSafeCurrent	<p>The maximum current (A) that the socket will use when the Smart Charging Network lost the connection with CS. This value should always be identical for all of the CSs in one Smart Charging Network</p>	<p>Float Default: 6.0</p>	<p>Read / Write</p>	<p>Alfen</p>	<p>1.2.0</p>
SCN-TotalSafeCurrent	<p>The maximum current (A) that a SCN will use when multiple sockets lost the connection. The number of</p>	<p>Float Default: 32.0</p>	<p>Read / Write</p>	<p>Alfen</p>	<p>1.2.0</p>

	sockets charging on SCN- SocketSafeCurrent will be limited so the total will not surpass SCN- TotalSafeCurrent.				
SCN-TotalStaticCurrent	The maximum current (A) that the Smart Charging Network will use. This value should always be identical for all of the CSs in one Smart Charging Network.	Float Default: 200.0	Read / Write	Alfen	1.2.0
Static-LoadBalancing	Enable/Disable load balancing between multiple sockets. Options: <ul style="list-style-type: none"> • On • Off 	Default: On	Read / Write	Alfen	0.13.0
Other					
AlfbusEnableDebugLogging	Enable or disable logging for the Alfbus communication bas.	True or False. Default: False	Read / Write	Alfen	0.13.0
ConnectionTimeOut	Maximum time (s) between presenting an authorized NFC card and connecting an EV before the authorization expires.	0 – 32767 Default: 120	Read / Write	OCP	0.13.0
GetConfigurationMaxKeys	The maximum number of keys in a GetConfiguration message.	0 – 32767 Default: 256	Read only	OCP	0.13.0
LogLevel	The log level for all events that are logged in the CS.	0-7. Default 1 (info)	Read / Write	Alfen	0.13.0
NumberOfBootups	The number of times the system has booted.	0-65535	Read only	Alfen	1.3.0
NumberOfConnectors	Number of connectors. <ul style="list-style-type: none"> • Eve Single: 1 • Eve Double: 2 • Twin: 2 	1 or 2	Read only	OCP	0.13.0
ReserveConnectorZeroSupported	If this configuration key is set to true the CS supports reservations for connector 0 (complete CS).	NG9xx: True (supported) AHWP: False (not yet supported)	Read only	OCP	0.13.0
ResetRetries	Number of times to retry an unsuccessful reset of the CS.	0 Default: 0	Read only	OCP	0.13.0

Power

Connector1-MaxCurrent	Maximum current (A) that an EV is allowed to draw from left connector.	Float For instance: 16.0	Read / Write	Alfen	0.13.0
Connector1-Type	Type of charging socket or cable on connector #1. Options: <ul style="list-style-type: none"> • Fixed cable • Type 2 socket • Schuko socket • Type-1 fixed cable • Type-2 fixed cable 	Default: Determined per order	Read / Write	Alfen	0.13.0
Connector2-MaxCurrent	Maximum current (A) that an EV is allowed to draw from right connector.	Float For instance: 32.0	Read / Write	Alfen	0.13.0
Connector2-Type	Type of charging socket or cable on connector #2. Options: <ul style="list-style-type: none"> • Fixed cable • Type 2 socket • Schuko socket • Type-1 fixed cable • Type-2 fixed cable 	Default: Determined per order	Read / Write	Alfen	0.13.0
Power Outage Recovery (Previously known as "ZE-restart")	Whether the CS will resume the last transaction after a power outage or stays idle. When set to "Resume" configure the "Max Allowed Outage Duration (s)" configuration key. Options: <ul style="list-style-type: none"> • Idle • Resume 	Default: Idle	Read / Write	Alfen	0.13.0
Station-MaxCurrent	The maximum current (A) that the entire CS is allowed to provide. The Station-MaxCurrent is also used for load balancing at double socket models.	Float Default: 16.0A	Read / Write	Alfen	0.13.0

Security

CertificateSignedMaxChainSize	Maximum length of a certificate chain that can be installed.	Integer Default: 10000	Read only	OCPP	0.13.0
CertificateStoreMaxLength	Maximum number of Root/CA certificates that can be installed in the Charge Point.	Integer Default: 32	Read only	OCPP	0.13.0
CpoName	This configuration key contains CPO name (or an organization trusted by the CPO) as used in the Charge Point Certificate.	String[50]	Read / Write	OCPP	0.13.0
PW-AllowSSALogin	Allow Secure Service Access	Default: Depends upon order. When no set, defaults to True.	Read / Write	Alfen	0.13.0
PW-TempAccessExpiration	Expiration time of the temporary password access in hours	Integer Default: 0 Number of hours left, rounded up.	Read / Write	Alfen	1.0.0
PW-SetTempAccessKey	Set a password for temporary access account	String	Read / Write	Alfen	1.0.0
SecurityProfile	This configuration key is used to set the security profile used by the Charge Point. Before accepting new level of security, the station verifies if all prerequisites are met. The value of this configuration key can only be increased to a higher level, attempts to lower the security profile result in a reject. 0: No security profiles 1: Basic authentication (username/ password) 2: Server side certificates 3: Server side and client side certificates (not yet implemented)	Default: 0	Read / Write	OCPP	0.13.0