Back office (OCPP) configuration key list for Alfen NG9 chargers

GetConfiguration & ChangeConfiguration

Category	Component	Keyname 1.5	Keyname 1.6	Keyname 2.0.1	Description	Default value	Mutability	Reboot required	Origin
General	AlfenStation	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 Type: String[25]	Read only	No	Alfen
General	SecurityCtrlr	Identity			The identity code that is used to identify the charging station (CS) in the back office.	Default: Determined per order Type: String[20]	Read / Write	Yes	Alfen
General	AlfenStation	DeviceIdentifier			Fixed identifier that is unique per charging station.	Default: Determined per order Type: String[24]	Read only	No	Alfen
General	AlfenStation	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 Type: String[29]	Read / Write	No	Alfen
General	AlfenStation	UnlockedFeatures			A by comma separated overview of all unlocked features, each feature. Possibilities: - None - SCN (Smart Charging Network) - Standard-SC (Static Load balancing) - Active-SC (Active Load balancing) - 32A-output - RFID-reader - Pers.display - 4G	Default: Determined per order For instance: None,SCN,Standard-SC,Active-SC,32A-output,RFID-reader,pers.display,4G,Payment-solutions Type: String[128]	Read only	No	Alfen
General	None	SupportedFeatureProfiles			Comma separated list of supported features. Options: - Core - FirmwareManagement - LocalAuthListManagement - Reservation - SmartCharging - RemoteTrigger	Default: Determined per order For instance: Core,FirmwareManagement,Reservation,LocalAuthListManagement,RemoteTrigger,SmartCharging Type: String[87]	Read only	No	OCPP
General	None	SupportedFeatureProfilesMaxLength			Maximum number of items in the 'SupportedFeatureProfiles' configuration key.	Default: Determined per order Type: String	Read only	No	OCPP
General	AlfenStation	TimeZoneMinutes			The time zone offset to UTC in minutes for calculating the local time displayed on the display.	Default: 60 Type: Integer (-720 - 720)	Read / Write	No	Alfen
General	AlfenStation	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 allways adjust to its lowest intensity.	Default: 52.402271 Type: Decimal (-90.0 - 90.0)	Read / Write	No	Alfen
General	AlfenStation	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 allways adjust to its lowest intensity.	Default: 5.243745 Type: Decimal (-180.0 - 180.0)	Read / Write	No	Alfen
General	AlfenStation	Bootloader-Version			Information about the bootloader version.	Default: Determined per order Type: String[31]	Read only	No	Alfen
General	AlfenEvse	NFC-Version1		NFC-Version	Information about the hardware and firmware versions of the NFC reader HW:,SW:.	Default: Determined per order Type: String[31]	Read only	No	Alfen
General	AlfenEvse	NFC-Version2		NFC-Version	Information about the hardware and firmware versions of the NFC reader HW:,SW:.	Default: Determined per order Type: String[31]	Read only	No	Alfen
General	AlfenStation			OwnerToken	This token allows the app and the Alfen cloud to verify that the user is the owner of the charging station. The station itself doesn't need to interact with this value.	Default: " Type: String[30]	Read only	No	Alfen
Power settings	AlfenStation	Station-MaxCurrent		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.	Default: Determined per order Type: Decimal (0.0 - 64.0)	Read / Write	No	Alfen
Power settings	AlfenConnector	Connector1-MaxCurrent		MaxCurrent	Maximum current (A) that an EV is allowed to draw from left connector.	Default: Determined per order Type: Decimal (0.0 - 32.0)	Read / Write	No	Alfen
Power settings	AlfenConnector	Connector1.2-MaxCurrent		MaxCurrent	Maximum current (A) allowed to be drawn from the left E-socket. Options: - between 0.0 and 16.0A.	Default: Determined per order Type: Decimal (0.0 - 32.0)	Read / Write	No	Alfen
Power settings	AlfenConnector	Connector1-Type		Type	Type of charging socket or cable on connector #1. Options:	Default: Determined per order Type: String[19]	Read only	No	Alfen

				- Fixed cable - Type 2 socket - Schuko socket - Type-1 fixed cable - Type-2 fixed cable				
Power settings	AlfenConnector	Connector2-MaxCurrent	MaxCurrent	Maximum current (A) that an EV is allowed to draw from right connector.	Default: Determined per order Type: Decimal (0.0 - 32.0)	Read / Write	No	Alfen
Power settings	AlfenConnector	Connector2.2-MaxCurrent	MaxCurrent	Maximum current (A) allowed to be drawn from the right E-socket. Options: - between 0.0 and 16.0A.	Default: Determined per order Type: Decimal (0.0 - 32.0)	Read / Write	No	Alfen
Power settings	AlfenConnector	Connector2-Type	Type	Type of charging socket or cable on connector #2. Options: - Fixed cable - Type 2 socket - Schuko socket - Type-1 fixed cable - Type-2 fixed cable	Default: Determined per order Type: String[19]	Read only	No	Alfen
Power settings	AlfenStation	ZE-ready		CS behavior is conform the Renault ZE-ready requirements.	Default: False Type: Boolean	Read / Write	Yes	Alfen
Power settings	AlfenStation	Power Outage Recovery		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: - Idle - Resume	Default: Idle For instance: Resume,Idle Type: String	Read / Write	No	Alfen
Power settings	AlfenStation	Max Allowed Outage Duration (s)		When configuration key 'Power Outage Recovery' is set to 'Resume' the charging station will only resume the transaction if the power outage time (s) is less than the set time (s). When this is set to 0, and the 'Power Outage Recovery' is set to 'resume' the transaction will always be resumed.	Default: 0 Type: Integer (0 - 3600)	Read / Write	No	Alfen
Power settings	AlfenStation	Disable105Percent		Enable/Disable the overcurrent check. The CS measures the actual drawn current by the EV. When the maximum allowed current is exceeded by more than 105% the CS will interupt charging.	Default: False Type: Boolean	Read / Write	No	Alfen
Power settings	AlfenStation	Chameleon-MinCurrent		Minimum required current (A) for charging a Chameleon charger (e.g. Renault Zoe). Upon detecting a Chameleon charger the set value will be used.	Default: 14.0 Type: Decimal (6.0 - 32.0)	Read / Write	No	Alfen
Power settings	TxCtrlr	ConnectionTimeOut	EVConnectionTimeOut	Maximum time (s) between presenting an authorized NFC card and connecting an EV before the authorization expires.	Default: 120 Type: Integer (0 - 32767)	Read / Write	No	OCPP
Power settings	AlfenStation	Phase-Connected		The phase(s) that are connected to the CS and in which order in case active loadbalancing is used. Any combination of L1, L2 and L3. For instance 'L1L2L3', 'L3L2L1' or 'L2' is possible.	Default: L1L2L3 Type: String[6]	Read / Write	No	Alfen
Power settings	SmartChargingCtrlr	RandomisedDelay		Random delay in seconds, this is conferred to the nearest second and a different randomized delay is applied for every change of charging rate as defined in the default charging hours.	Default: 0 Type: Integer (0 - 3600)	Read / Write	No	Alfen
Load balancing	AlfenStation	Static-LoadBalancing		Enable/Disable load balancing between multiple sockets. Options: - On - Off Configuration key up to FW 3.4.3: 'LoadBalancing'.	Default: Off For instance: On,Off Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	Active-LoadBalancing		Load balancing in a domestic environment is enabled using a smart meter with P1 port (protocol version DSMR 4.0 and higher) Configuration key up to FW 3.4.3: 'P1-Port'.	Default: Off For instance: On,Off Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	ALB-ProtocolSelection		Select what device will be used as a smartMeter for the active loadbalancing.	Default: None For instance: None,Modbus TCP/IP,External modbus,TIC Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	RJ11-Mode		Configure for which purpose you want to use the RJ11 port. Options: - DSMR P1 - Suspend when an external circuit is closed - Suspend when an external circuit is opened.	Default: DSMR P1 For instance: DSMR P1,closed,open,External modbus Type: String	Read / Write	Yes	Alfen
Load balancing	AlfenStation	MBTCPSmart-IPAddress		IP address of the Modbus TCP/IP meter. Determined and set during installation. Configuration key up to FW 3.4.3: 'MBTCP-IPAddress'.	Default: 192.168.000.005 Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	MBTCPSmart-IsEnabled		Enable/Disable Modbus TCP/IP. Configuration key up to FW 3.4.3: 'MBTCP-IsEnabled'.	Default: False Type: Boolean	Read / Write	Yes	Alfen
Load balancing	AlfenStation	MBTCPSmart-SlaveUnitID		Slave address of the Smart Modbus TCP/IP meter. Options: - From 0 to 65535.	Default: 5 Type: Integer (0 - 65535)	Read / Write	No	Alfen
Load balancing	AlfenStation	MBTCPSmart-SlaveMeterModel		The band / type of Modbus TCP/IP meter that is used for active loadbalancing. Options: - None	Default: Socomec For instance: None,socomec,regmap	Read / Write	No	Alfen

				- Socomec - Regmap (custom register mapping)	Type: String			
Load balancing	AlfenStation	MbsSlaveTCPIP		Enable or disable the modbus slave functionality.	Default: Off For instance: On,Off Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	MbsSlaveTCPIPValidityTime		Time in seconds in which the charging station requires an updated maximum current from a Modbus master before falling back to the safe current.	Default: 60 Type: Integer (1 - 32767)	Read / Write	No	Alfen
Load balancing	AlfenStation	MbsSlaveTCPIPMode		Control each socket or control the charging station as a complete station.	Default: Off For instance: Off,Socket,SCN Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	Safe-MaxCurrent		The safe current (A) that the CS will use when active loadbalancing loses connection. (For instance: CS loses connection to the smart meter or to the SCN).	Default: 16.0 Type: Decimal	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-AlternatingPeriod		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. During AlternatingPeriod: Charging time per socket = 'SCN-AlternatingPeriod' (s) / number of active charging sessions in the Smart Charging Network.	Default: 900 Type: Integer (900 - 36000)	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-IsEnabled		Is Smart Charging Network unlocked.	Default: Determined per order Type: Boolean	Read only	No	Alfen
Load balancing	AlfenStation	SCN-NetworkName		Name of the Smart Charging Network. This should be identical for all CSs in one Smart Charging Network.	Default: SCN1 Type: String[7]	Read / Write	No	Alfen
Load balancing	AlfenEvse	SCN-PhaseMapping-1	SCN-PhaseMapping	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). Options: - 0 = None - 1 = L1 - 2 = L2 - 3 = L3 - 4 = L1L2L3 - 5 = L1L3L2 - 6 = L2L1L3 - 7 = L2L3L1 - 8 = L3L1L2 - 9 = L3L2L1 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.	Default: 4 Type: Integer (0 - 9)	Read / Write	No	Alfen
Load balancing	AlfenEvse	SCN-PhaseMapping-2	SCN-PhaseMapping	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). Options: - 0 = None - 1 = L1 - 2 = L2 - 3 = L3 - 4 = L1L2L3 - 5 = L1L3L2 - 6 = L2L1L3 - 7 = L2L3L1 - 8 = L3L1L2 - 9 = L3L2L1 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.	Default: 4 Type: Integer (0 - 9)	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-SocketSafeCurrent		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.	Default: 6.0 Type: Decimal	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-TotalSafeCurrent		The maximum current (A) that a SCN will use when multiple sockets lost the connection. The number of sockets charging on SCN-SocketSafeCurrent will be limited so the total will not surpass SCN-TotalSafeCurrent.	Default: 32.0 Type: Decimal	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-SocketCount		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.	Default: Determined per order Type: Integer (0 - 255)	Read / Write	No	Alfen
Load balancing	AlfenStation	SCN-SocketID		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.	Default: 0 Type: Integer (0 - 255)	Read / Write	No	Alfen
Load balancing	AlfenStation	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.	Default: 200.0 Type: Decimal	Read / Write	No	Alfen

Load balancing	SmartChargingCtrlr	ChargeProfileMaxStackLevel	ProfileStackLevel	Max StackLevel of a ChargingProfile. The number defined also indicates the max allowed number of installed ChargingProfiles per Charging Profile Purpose.	Default: 5 Type: Integer	Read only	No	OCPP
Load balancing	None	ChargingScheduleAllowedChargingRateUnit		A list of supported quantities for use in a ChargingSchedule.	Default: Current For instance: Current Type: String	Read only	No	OCPP
Load balancing	SmartChargingCtrlr	ChargingScheduleMaxPeriods	PeriodsPerSchedule	Maximum number of periods that may be defined per ChargingSchedule.	Default: 10 Type: Integer	Read only	No	OCPP
Load balancing	None	MaxChargingProfilesInstalled		Maximum number of charging profiles installed.	Default: 20 Type: String	Read only	No	OCPP
Load balancing	AlfenStation	NuvveActive		Switch the Nuvve functionality on or off.	Default: False Type: Boolean	Write only	No	Alfen
Load balancing	AlfenStation	NuvveInterval		Interval (s) in which the Nuvve message is being send.	Default: 60 Type: Integer (0 - 65535)	Write only	No	Alfen
Load balancing	AlfenStation	NuvveTolerance		Minimum power change to active the sending of the Nuvve message in W. Check whether this can be deleted (via Wouter/NM).	Default: 100 Type: Integer (0 - 65535)	Write only	No	Alfen
Load balancing	SmartChargingCtrlr	ConnectorSwitch3to1PhaseSupported	Phases3to1	If True, the CS supports switching from 3 to 1 phase during a charging session.	Default: False Type: Boolean	Read only	No	OCPP
Load balancing	AlfenStation	SmartChargingMode		OCPP 1.5+ smart charging mode. This smart charging mode only functions when the OCPP protocol version is set to 1.5. Options: - None - GreenFlux - Enervalis - Cohere - EVNet - OCPP16	Default: None For instance: None,GreenFlux,Enervalis,Cohere,EVNet,OCPP16 Type: String	Read / Write	No	Alfen
Load balancing	None	ConnectorPhaseRotation		The phase rotation per connector in respect to the connectors energy meter (or if absent, the grid connection). Options: - NotApplicable (for Single phase or DC CSs) - Unknown (not (yet) known) - RST (Standard Reference Phasing) - RTS (Reversed Reference Phasing) - SRT (Reversed 240 degree rotation) - STR (Standard 120 degree rotation) - TRS (Standard 240 degree rotation) - TSR (Reversed 120 degree rotation) R can be identified as phase 1 (L1), S as phase 2 (L2), T as phase 3 (L3). If known, the CS MAY also report the phase rotation between the grid connection and the main energymeter by using index number Zero (0). Values are reported in CSL, formatted: 0.RST, 1.RST, 2.RTS	Default: 0.RST For instance: 0.Unknown,0.NotApplicable,0.RST,0.RTS,0.SRT,0.STR,0.TRS,0.TSR Type: String	Read / Write	No	OCPP
Load balancing	None	ConnectorPhaseRotationMaxLength		Maximum number of items in a ConnectorPhaseRotation Configuration Key.	Default: 0 Type: String	Read only	No	OCPP
Load balancing	AlfenStation	SmartMeter-MaxCurrent		The maximum current (A) of the entire electrical installation. This value is required for installations with a smart meter to determine the available power that the EV may consume. Configuration key up to FW 3.4.3: 'Installation-MaxCurrent'.	Default: 25.0 Type: Decimal	Read / Write	No	Alfen
Load balancing	AlfenStation	SmartMeterIncludesCharger		Indicates whether the readings from the external meter include the stations consumption. Options: - True - False	Default: True Type: Boolean	Read / Write	No	Alfen
Load balancing	AlfenStation	MBTCPCentral-IPAddress		IP address of the Modbus TCP/IP meter.	Default: 192.168.000.004 Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	MBTCPCentral-IsEnabled		Enable/Disable Modbus TCP/IP. Options: - True - False	Default: False Type: Boolean	Read / Write	Yes	Alfen
Load balancing	AlfenStation	MBTCPCentral-SlaveUnitID		Slave address of the Central Modbus TCP/IP meter. Options: - From 0 to 65535	Default: 5 Type: Integer (0 - 65535)	Read / Write	No	Alfen
Load balancing	AlfenStation	MBTCPCentral-SlaveMeterModel		The band / type of Modbus TCP/IP meter that is used for active loadbalancing. Options: - None - Socomec - Regmap (custom register mapping)	Default: Socomec For instance: None,socomec,regmap Type: String	Read / Write	No	Alfen

Load balancing	AlfenStation	EnablePhaseSwitching		Enable switching between 1 and 3 phase charging.	Default: False Type: Boolean	Read / Write	No	Alfen
Load balancing	AlfenStation	MaxImbalanceCurrent		The maximum allowed imbalance between phases.	Default: 0.0 Type: Decimal (0.0 - 99.0)	Read / Write	No	Alfen
Load balancing	AlfenStation	MaxAllowedPhases		Maximum number of phases that the CP is allowed to charge on.	Default: 3 Type: Integer (1 - 3)	Read / Write	No	Alfen
Load balancing	AlfenStation	SC-Mode		SolarCharging optimizes locally generated, excess power as measured by the smart meter. Must have Active Loadbalancing configured. - Green: SC-GreenShare is configurable - Comfort: SC-ComfortLevel is configurable	Default: Off For instance: Off,Comfort,Green Type: String	Read / Write	No	Alfen
Load balancing	AlfenStation	SC-GreenShare		Only used if 'SC-Mode' is configured as 'Green', value in percentages. - If set to 0%, charging at minimum power is always possible. - If set to 100%, charging will only take place if minimum power to charge is measured as excess power on smart meter Charging speed will increase to match excess power as measured on smart meter.	Default: 0 Type: Integer (0 - 100)	Read / Write	No	Alfen
Load balancing	AlfenStation	SC-ComfortLevel		Only used if 'SC-Mode' is configured as 'Comfort'. Charging will always start irrespective of amount of excess power as measured on smart meter. Value, in W, is configured as desired minimum charging power. Charging speed will increase above Comfort Level to match excess power as measured on smart meter, never exceeding configured maximum current. If Comfort Level exceeds maximum available current, charging will not exceed maximum.	Default: 1400 Type: Integer (1400 - 22000)	Read / Write	No	Alfen
Authorization	AlfenStation	DisconnectAction		The behavior of the CS when an EV is disconnected during a transaction. Options: - Continue: When the cable is removed on the EV side, the plug will stay locked on the CS side and the transaction will not be stopped by the CS. As soon as you plug the cable back into the EV, the charging continues and all transaction data will be registered to the transaction that is still running. - Abort lock: When the cable is removed on the EV side, the plug will stay locked on CS side and the CS will wait for deauthorization, by the same tag that started the transaction, before stopping the transaction and unlocking the cable. - Abort unlock: When the cable is removed on the EV side, the transaction will be stopped by the CS and the cable will be unlocked. - Abort unlock when offline: When the cable is removed on the EV side and the CS is offline or goes offline while waiting for deauthorization, by the same tag that started the transaction, then the scenario for "abort unlock" will be followed. Otherwise the scenario for "abort lock" will be followed. If the CS has a fixed cable or is authorised via P&C or direct payment, then scenario "abort unlock" will be followed.	Default: Continue For instance: Continue,Abort,Unlock,UnlockWhenOffline Type: String	Read / Write	No	Alfen
Authorization	OCPPCommCtrlr	UnlockConnectorOnEVSideDisconnect	UnlockOnEVSideDisconnect	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'.	Default: False Type: Boolean	Read / Write	No	OCPP
Authorization	AlfenStation	DisconnectTimeout		Time (s) after which configuration key 'DisconnectAction' is executed by the CS.	Default: 10 Type: Integer (0 - 32767)	Read / Write	No	Alfen
Authorization	AlfenStation	AbortConcurrentTx		Abort an ongoing transaction when a back office reports a 'ConcurrentTx' status as a reply to the StartTransaction request.	Default: False Type: Boolean	Read / Write	No	Alfen
Authorization	AuthCtrlr	AllowOfflineTxForUnknownId	OfflineTxForUnknownIdEnabled	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.	Default: True Type: Boolean	Read / Write	No	OCPP
Authorization	AuthCacheCtrlr	AuthorizationCacheEnabled	Enabled	Indicates whether the CS has an Authorization Cache or not. Options: True: Authorization Cache present. False: Authorization Cache not present.	Default: True Type: Boolean	Read / Write	No	OCPP
Authorization	AlfenStation	AuthorizationMethod		The interaction used by the CS to start a transaction. Options: - RFID: CS always requires an RFID card to start charging. - Plug&Charge: CS will always use the configured configuration key 'PlugAndChargeIdentifier' to start a transaction upon detecting an Electric Vehicle (EV).	Default: Determined per order For instance: plug&charge,rfid,button Type: String	Read / Write	No	Alfen
Authorization	AuthCtrlr	AuthorizeRemoteTxRequests	AuthorizeRemoteStart	Verify whether the used identifier used in a RemoteStartTransaction request is authorised by the back office before starting the transaction.	Default: False Type: Boolean	Read / Write	No	OCPP
Authorization	LocalAuthListCtrlr	LocalAuthListEnabled	Enabled	Enable/Disable the local authorization list.	Default: True Type: Boolean	Read / Write	No	OCPP
Authorization	None	LocalAuthListMaxLength		Maximum number of identifications that can be stored in the Local Authorization List.	Default: 782 Type: String	Read only	No	OCPP
Authorization	AuthCtrlr	LocalAuthorizeOffline		Whether an offline CS will start a transaction for locally authorized identifiers.	Default: True Type: Boolean	Read / Write	No	OCPP
Authorization	AuthCtrlr	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.	Default: False Type: String	Read / Write	No	OCPP

Authorization	AlfenStation	PlugAndChargeIdentifier		Identification that a Plug&Charge CS will use to report transactions to the back office.	Default: " Type: String[20]	Read / Write	No	Alfen
Authorization	AlfenStation	OfflineAuthorise		Authorize an unknown identification that is presented while the CS is offline. Made write only because this became absolete and is now replaced by OCPP config key 'LocalAuthorizeOffline'.	Default: True Type: Boolean	Write only	No	Alfen
Authorization	AlfenStation	OnlineAuthorise		Always authorize an NFC card at the back office when online, even if the tag is known in the white list or the local list. Made write only because this became absolete and is now replaced by OCPP config key 'LocalPreAuthorize'.	Default: True Type: Boolean	Write only	No	Alfen
Authorization	AlfenStation	WhiteListEnabled		Enable/Disable the Authorization Cache. If this key does not exist the Authorization Cache is disabled.	Default: True Type: Boolean	Read / Write	No	Alfen
Authorization	TxCtrlr	MaxEnergyOnInvalidId		Maximum amount of energy in Wh delivered when an identifier is deauthorized by the CSMS after start of a transaction.	Default: 0 Type: Integer (0 - 4294967295U)	Read / Write	No	OCPP
Authorization	None	SendLocalListMaxLength		Maximum number of identifications that can be sent in a single SendLocalList.req	Default: 22 Type: String	Read only	No	OCPP
Authorization	TxCtrlr	StopTransactionOnEVSideDisconnect	StopTxOnEVSideDisconnect	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'.	Default: False Type: Boolean	Read / Write	No	OCPP
Authorization	AlfenStation	TimeUnlockWhenNotCharging		Time (s) after an EV stops charging until the CS will stop the transaction and unlock the cable.	Default: 0 Type: Integer (0 - 32767)	Read / Write	No	Alfen
Authorization	TxCtrlr	StopTransactionOnInvalidId	StopTxOnInvalidId	The minimum duration that a Charge Point or Connector status is stable before a StatusNotification.req PDU is sent to the Central System.	Default: False Type: Boolean	Read / Write	No	OCPP
Authorization	AlfenStation	MasterKey-isEnabled		When master key is enabled, the CS can enter the special master key mode when the master key is detected, enabling the user to add and/or remove tags from the internal tag database. Options: - True (default for stand-alone charging stations) - False (default for charging stations connected to a back office)	Default: Determined per order Type: Boolean	Read / Write	No	Alfen
Authorization	AlfenStation	MasterKey-Id		The ID of the tag that is defined as master key.	Default: " Type: String[21]	Read / Write	No	Alfen
Authorization	AuthCtrlr	MasterPassGroupId		IdTokens that have this id as groupId belong to the Master Pass Group. Meaning they can stop any ongoing transaction, but cannot start transactions. This can, for example, be used by law enforcement personal to stop any ongoing transaction when an EV has to be towed away.	Default: " Type: String[36]	Read / Write	No	OCPP
Connectivity	OCPPCommCtrlr	TransactionMessageAttempts	MessageAttempts	Maximum number of times that the CS retries to submit a transaction-related message when the back offfice fails to process it.	Default: 0 Type: Integer (0 - 65535)	Read / Write	No	OCPP
Connectivity	OCPPCommCtrlr	TransactionMessageRetryInterval	MessageAttemptInterval	Wait time (s) between resubmitting transaction related messages that the back office failed to process.	Default: 60 Type: Integer (0 - 2147483647)	Read / Write	No	OCPP
Connectivity	OCPPCommCtrlr	WebSocketPingInterval		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.	Default: 120 Type: Integer (0 - 2147483647)	Read / Write	No	OCPP
Connectivity	AlfenStation	APN-SignalStrength		Strength of the mobile signal (dBm).	Default: " Type: Integer	Read only	No	Alfen
Connectivity	None	AuthorizationKey		Authorization key used by the CS to set up the websocket communication.	Default: " Type: String[40]	Read / Write	No	Alfen
Connectivity	AlfenStation	DNS-1		Preferred GPRS DNS address.	Default: 8.8.8.8 Type: String	Read / Write	No	Alfen
Connectivity	AlfenStation	DNS-2		Fallback GPRS DNS address for when the preferred DNS address results in a dead end.	Default: 208.67.222.222 Type: String	Read / Write	No	Alfen
Connectivity	AlfenStation	CentralMeterValueAlignment		Time alignment for sending the central meter values messages. Options: - clock: Send meter values every x-seconds aligned with clock-hours. - boot: Send meter values every x-seconds aligned with time of booting.	Default: clock For instance: clock,boot Type: String	Read / Write	No	Alfen
Connectivity	AlfenStation	CentralMeterValueSampleInterval		Time (s) between central meter values messages of the central energy meter. Set to '0' to disable sending of the central meter values.	Default: 900 Type: Integer (0 - 65535)	Read / Write	No	Alfen
Connectivity	AlfenStation	CentralMeterValueTransmissionMode		Determine when meter values from the central energy meter should be send to the back office. Interval is based on 'CentralMeterValueSampleInterval'. Options: - During: Send only during transactions - Always: Always send meter values (based on 'CentralMeterValueAlignment') - End: Only send at the end of a transaction	Default: during For instance: during,end,always Type: String	Read / Write	No	Alfen

Connectivity	OCPPCommCtrlr	heartbeatInterval	HeartbeatInterval	Maximum elapsed time (s) from the last successful back office message exchange until a new heartbeat message will be sent. Set to '0' to disable sending of heart beats.	Default: 900 Type: Integer (30 - 2147483647)	Read / Write	No	OCPP
Connectivity	AlfenStation	HeartBeatSendAllways		Configure the CS to send a HeartBeat even if other messages are send and replied to by the back office.	Default: False Type: Boolean	Read / Write	No	Alfen
Connectivity	AlfenStation	MaxTxMeterValueRandomisationTime		To prevent server overload when multiple CSs simultaneously send meter values. Meter value messages will be send at a randomized interval between 0 and the programmed amount of seconds. Set to 0 to switch off the randomization.	Default: 0 Type: Integer (0 - 65535)	Read / Write	No	Alfen
Connectivity	AlignedDataCtrlr	ClockAlignedDataInterval	Interval	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).	Default: 0 Type: Integer (0 - 999999)	Read / Write	No	OCPP
Connectivity	AlignedDataCtrlr	MeterValuesAlignedData	Measurands	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 The measurand(s) that are supported are the same as for configuration key 'MeterValuesSampledData'.	Default: None For instance: Current.Import,Energy.Active.Import.Register,Energy.Reactive.Import.Register,Energy.Active.Import.Interval,Energy.Active.Net,Energy.Reactive.Import.Interval,Energy.Reactive.Net,Energy.Apparent.Import,Frequency,Power.Active.Import,Power.Factor,Power.Reactive.Import Type: Memberlist	Read / Write	No	OCPP
Connectivity	None	MeterValuesAlignedDataMaxLength		Maximum number of items in the configuration key 'MeterValuesAlignedData'.	Default: 9 Type: String	Read only	No	OCPP
Connectivity	SampledDataCtrlr	MeterValueSampleInterval	TxUpdatedInterval	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. '0' to disable sampled meter values.	Default: 900 Type: Integer (0 - 2147483647)	Read / Write	No	OCPP
Connectivity	SampledDataCtrlr	MeterValuesSampledData	TxUpdatedMeasurands	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 ',' Value example: 'Energy.Active.Import.Register,Voltage.L1-N,Current.Import.L1' Supported values: Energy.Active.Import.Register, Power.Active.Import, Current.Import, Voltage, Temperature, Current.Offered, Frequency, Power.Factor 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' Current, power and power factor meter values support phase configuration: L1, L2, L3 Value example: 'Current.Import.L1' When the 'SmartChargingMode' (OCPP 1.5+) is beeing used, the following measurands are available: Supported values: Current.L1, Current.L2, Current.L3	Default: Energy.Active.Import.Register For instance: Current.Import,Energy.Active.Import.Register,Energy.Reactive.Import.Register,Energy.Active.Import.Interval,Energy.Active.Net,Energy.Reactive.Import.Interval,Energy.Reactive.Net,Energy.Apparent.Import,Frequency,Power.Active.Import,Power.Factor,Power.Reactive.Import Type: Memberlist	Read / Write	No	OCPP
Connectivity	None	MeterValuesSampledDataMaxLength		Maximum number of items in the configuration key 'MeterValuesSampledData'.	Default: 9 Type: String	Read only	No	OCPP
Connectivity	AlfenStation	OCPP-reply timeout		Time (s) after which a CS determines that setting up a websocket connection via GPRS failed.	Default: 5 Type: Integer (5 - 65535)	Write only	No	Alfen
Connectivity	AlfenStation	OCPP-send timeout		Time (s) after which an OCPP request send by CS is timed out.	Default: 100 Type: Integer (60 - 65535)	Write only	No	Alfen
Connectivity	AlignedDataCtrlr	StopTxnAlignedData	TxEndedMeasurands	Whether the CS will include a clock aligned metervalue in the StopTransaction.req. Only Energy.Active.Import.Register is supported.	Default: '' For instance: Energy.Active.Import.Register Type: Memberlist	Read / Write	No	OCPP
Connectivity	None	StopTxnAlignedDataMaxLength		Maximum number of items in a StopTxnAlignedData Configuration Key. This is currently not supported and will always return 0.	Default: 0 Type: String	Read only	No	OCPP
Connectivity	SampledDataCtrlr	StopTxnSampledData	TxEndedMeasurands	Whether the CS will include a sampled metervalue relative to the start of the transactoin in the StopTransaction.req. Only Energy.Active.Import.Register is supported.	Default: '' For instance: Energy.Active.Import.Register Type: Memberlist	Read / Write	No	OCPP
Connectivity	None	StopTxnSampledDataMaxLength		Maximum number of items in a StopTxnSampledData Configuration Key. This is currently not supported and will always return 0.	Default: 0 Type: String	Read only	No	OCPP

Connectivity	AlfenStation	ProxyEnable		Enable proxy service, allowing the charging station to log in to a proxy server within the local network. Options: - True - False	Default: False Type: Boolean	Read / Write	No	Alfen
Connectivity	AlfenStation	ProxyAddressAndPort		Local Proxy server IP address and port.	Default: '' Type: String[64]	Read / Write	No	Alfen
Connectivity	AlfenStation	ProxyUsername		Username to log in to local Proxy server.	Default: '' Type: String[32]	Read / Write	No	Alfen
Connectivity	AlfenStation	ProxyPassword		Password to log in to local Proxy server.	Default: '' Type: String[40]	Write only	No	Alfen
Connectivity	OCPPCommCtrlr	SupportedFileTransferProtocols	FileTransferProtocols	The supported transfer protocols that can be used for getDiagnostics or updateFirmware.	Default: FTP For instance: FTP Type: Memberlist	Read only	No	OCPP
Connectivity	AlfenStation	OCPPStackVersion		Indicate the OCPP stack version. This item is 'somewhat' required for the OCPP certification i.e.: we don't need to certify new firmware when the OCPP stack version is not touched. This version number should be updated whenever a change is done to either the OCPP message handling or to any behaviour that influences OCPP messaging. For now, this version number is maintained manually.	Default: 4.7.0 Type: String	Read only	No	OCPP
Connectivity	AlfenStation	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.	Default: Determined per order For instance: 2G,3G,4G Type: String	Read / Write	Yes	Alfen
Connectivity	AlfenStation	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.	Default: auto For instance: auto,manual Type: String	Read / Write	Yes	Alfen
Connectivity	AlfenStation	ModemManufacturer		Manufacturer of the modem.	Default: '' Type: String[64]	Read only	No	Alfen
Connectivity	AlfenStation	ModemModel		Model of the modem.	Default: '' Type: String[64]	Read only	No	Alfen
Connectivity	AlfenStation	ModemRevision		Software revision of the modem firmware.	Default: '' Type: String[64]	Read only	No	Alfen
Connectivity	SampledDataCtrlr		RegisterMeterValuesIncludePhases	Include individual phase measurands in the metervalue message.	Default: False Type: Boolean	Read / Write	No	OCPP
Connectivity	AlfenStation	BackOfficeNetworkProfile1		The format of the configkey is VARIABLENAME{VALUE}. While the CSMS and APN values can be up to 512 characters in OCPP 201, these will be truncated to 200 characters in OCPP 1.5/1.6. Allowed characters: allowed characters in URL: ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789-._~:/?# []@!$&'()*+,;= The OCPP 2.0.1 fields preferredNetwork and apnAuthentication are not implemented, thus not part of the message. For the ethernet interface use WIRED0, for the mobile network use WIRELESS0. APN variables are only applicable when using WIRELESS0 Examples: ocppVersion{OCPP16}ocppCsmsUrl{ws.....}messageTimeout{10}securityProfile{1}ocppInterface{Wired1} ocppVersion{OCPP16}ocppCsmsUrl{ws://169.254.19.56:7364}messageTimeout{15}securityProfile{0}ocppInterface{Wired0}apn{machine.m2m}APN-User{}preferredNetwork{}apnAuthentication{AUTO} ocppVersion{OCPP15}ocppCsmsUrl{ws:/}messageTimeout{15}securityProfile{0}ocppInterface{Wired0}apn{alfen.m2m}APN-User{}preferredNetwork{}apnAuthentication{} ocppVersion{OCPP16}ocppCsmsUrl{ws://169.254.19.56:7364}messageTimeout{15}securityProfile{0}ocppInterface{Wired0}preferredNetwork{}apnAuthentication{AUTO} ocppVersion{OCP201}ocppCsmsUrl{ws:/}messageTimeout{15}securityProfile{0}ocppInterface{Wired0}preferredNetwork{}apnAuthentication{} ocppVersion{}ocppCsmsUrl{}messageTimeout{0}securityProfile{0}ocppInterface{}preferredNetwork{}apnAuthentication{} The priorities can be get and set via the priorities configuration key, this is a list, just as described in the OCPP 2.0.1 specification. Changing these priorites will only be effectuated after a reboot.	Default: '' Type: String[500]	Read / Write	No	Alfen
Connectivity	AlfenStation	BackOfficeNetworkProfile2		See BackOfficeNetworkProfile1.	Default: '' Type: String[500]	Read / Write	No	Alfen
Connectivity	AlfenStation	BackOfficeNetworkProfile3		See BackOfficeNetworkProfile1.	Default: '' Type: String[500]	Read / Write	No	Alfen
Connectivity	AlfenStation	BackOfficeNetworkProfile4		See BackOfficeNetworkProfile1.	Default: '' Type: String[500]	Read / Write	No	Alfen

Connectivity	OCPPCommCtrlr	NetworkConfigurationPriority	A comma separated ordered list of the priority of the possible Network Connection Profiles.	Default: " For instance: 1,2,3,4 Type: Sequencelist	Read / Write	Yes	Alfen
Connectivity	OCPPCommCtrlr	NetworkProfileConnectionAttempts	Specifies the number of connection attempts the Charging Station executes before switching to a different profile.	Default: 3 Type: Integer (0 - 127)	Read / Write	No	Alfen
Connectivity	OCPPCommCtrlr	MinimumStatusDuration	The minimum duration that a Charge Point or Connector status is stable before a StatusNotification.req PDU is sent to the Central System.	Default: 0 Type: Integer (0 - 65535)	Read / Write	No	OCPP
Interface	AlfenStation	StatusNotificationMode	The transmissioning mode for StatusNotification messages. Options: - Normal, Time of message received on back office side is seen as time of message sent from CS side. When CS is offline it doesn't queue status notifications. - Timestamp, A time stamp is added to the status notification from CS side. When CS is offline it doesn't queue status notifications. - Queued, A time stamp is added to the status notification from CS side. When CS is offline the status notifications are being queued and send when CS is back online.	Default: Normal For instance: Normal,Timestamp,Queued Type: String	Read / Write	No	Alfen
Interface	AlfenStation	InformationalStatusNotifications	Whether or not informational StatusNotifications should be transmitted.	Default: Enabled For instance: Disabled,Enabled Type: String	Write only	No	Alfen
Interface	AlfenStation	AutoDimLights	If the screen needs to dim based on time (thus will dimm during the night, this requires an accurate time synchronization such as an heartbeat), inactivity (when a user interacts with the charging station, the display will light up again), if a qr is shown or a combination of these options	Default: time,inactivity For instance: time,inactivity,qr Type: Memberlist	Read / Write	No	Alfen
Interface	None	LightIntensity	Light intensity (%) of the LEDs/display.	Default: 100 Type: Integer (0 - 100)	Read / Write	No	OCPP
Interface	AlfenStation	CalibrateTilt	Calibrate and enable the tilt sensor.	Default: " Type: String	Write only	No	Alfen
Interface	AlfenStation	Language	Display language is a combination of ISO language code (ISO-639-1) and ISO country code (ISO-3166) in format [language_COUNTRY] Options: - English = en_GB - Dutch = nl_NL - German = de_DE - French = fr_FR - Italian = it_IT - Norwegian = nn_NO - Finnish = fi_FI - Portuguese = pt_PT - Spanish = es_ES - Swedish = sv_SE - Polish = pl_PL - Danish = dk_DK - Czech = cs_CZ - Hungarian = hu_HU - Latvian = lv_LV - Slovenian = sl_SI - Romanian = ro_RO - Slovak = sk_SK - Icelandic = is_IS - Catalan = ca_ES - Croatian = hr_HR	Default: Determined per order For instance: en_GB,nl_NL,de_DE,fr_FR,it_IT,nn_NO,fi_FI,pt_PT,es_ES,sv_SE,pl_PL,dk_DK,cs_CZ,hu_HU,lv_LV,sl_SI,ro_RO,sk_SK,is_IS,ca_ES,hr_HR Type: String	Read / Write	No	Alfen
Interface	AlfenStation	LED Heart Beat Intensity	Maximum light intensity (%) of the NFC status notification LED.	Default: 100 Type: Integer (0 - 100)	Read / Write	No	Alfen
Interface	AlfenStation	LED Heart Beat Mode	Enable/Disable the NFC status notification LED.	Default: Off For instance: Off,Glow Type: String	Read / Write	No	Alfen
Interface	AlfenStation	Cover lock enabled	Enable/Disable the socket cover locking mechanism.	Default: True Type: Boolean	Read / Write	Yes	Alfen
Alerts	AlfenStation	TimeReportWhenNotCharging	Time (s) after an EV stops charging until the CS will report a warning and display orange leds status.	Default: 0 Type: Integer (0 - 65535)	Write only	No	Alfen
Alerts	AlfenStation	TemperatureHigh	The set upper internal temperature limit (°C) on which a CS will send a temperature alert and pauses charging.	Default: 70.0 Type: Decimal	Read / Write	No	Alfen
Alerts	AlfenStation	TemperatureLow	The set lower internal temperature limit (°C) on which a CS will send a temperature alert and pauses charging.	Default: -25.0 Type: Decimal	Read / Write	No	Alfen
Alerts	AlfenStation	ContactorProtect	The time (s) during which the CS accepts a maximum of 10 start/stop charging requests from the EV. If more switches are counted in this period, the station will go into error state.	Default: 60 Type: Integer (0 - 32767)	Read / Write	No	Alfen

Alerts	AlfenStation	6mADetectResponse		How the CS should react when an RCD signal (6mA DC leakage detected) arrives from the RCD unit. Options: - Smart: Stop charging by allowing the EV to stop its charging process itself. When the EV does not respond within 5 seconds, shut off the power. - Immediate: Immediately shut off any charging process when a digital signal from RCD unit arrives.	Default: Smart For instance: Smart,Immediate Type: String	Read / Write	No	Alfen
Monitoring	AlfenConnector	Connector1-ActualPower	ActualPower	Displays the actual power (kW) that is being consumed at connector #1.	Default: " Type: Decimal	Read only	No	Alfen
Monitoring	AlfenConnector	Connector1-InputPhases	InputPhases	Displays the number of mains voltage phases that are measured on the input side of connector #1.	Default: " Type: Integer (0 - 3)	Read only	No	Alfen
Monitoring	AlfenConnector	Connector1-OutputPhases	OutputPhases	Displays the number of mains voltage phases that are measured on the output side of connector #1.	Default: " Type: Integer (0 - 3)	Read only	No	Alfen
Monitoring	AlfenConnector	Connector1-PhasesConnected	PhasesConnected	The mains power phases that are connected to the input side of connector #1.	Default: Determined per order Type: String	Read only	No	Alfen
Monitoring	AlfenConnector	Connector2-ActualPower	ActualPower	Displays the actual power (kW) that is being consumed at connector #2.	Default: " Type: Decimal	Read only	No	Alfen
Monitoring	AlfenConnector	Connector2-InputPhases	InputPhases	Displays the number of mains voltage phases that are measured on the input side of connector #2.	Default: " Type: Integer (0 - 3)	Read only	No	Alfen
Monitoring	AlfenConnector	Connector2-OutputPhases	OutputPhases	Displays the number of mains voltage phases that are measured on the output side of connector #2.	Default: " Type: Integer (0 - 3)	Read only	No	Alfen
Monitoring	AlfenConnector	Connector2-PhasesConnected	PhasesConnected	The mains power phases that are connected to the input side of connector #2.	Default: Determined per order Type: String	Read only	No	Alfen
Monitoring	AlfenStation	Temperature		Measured temperature (°C) inside CS.	Default: " Type: Decimal	Read only	No	Alfen
Monitoring	AlfenStation	StrictPEMeasurementEnabled		protective earth detected enabled.	Default: False Type: Boolean	Read / Write	No	Alfen
Eichrecht	AlignedDataCtrlr	SignedDataEnabled	SignReadings	When set to true and an IVU adapter is present, the signed meter values will be sent to the BO at the start and stop of an transaction.	Default: False Type: Boolean	Read only	No	OCPP
Eichrecht	SampledDataCtrlr		SignReadings	When set to true and an IVU adapter is present, the signed meter values will be sent to the BO at the start and stop of an transaction.	Default: False Type: Boolean	Read only	No	OCPP
Eichrecht	AlfenStation		SignedMeterValueUpdates	This configuration key only works if the 'SignedDataEnabled' is set to true. By setting this flag to true the metervalue messages that are sent to the BO will contain a part with signed Eichrecht meter values.	Default: False Type: Boolean	Read / Write	No	Alfen
Eichrecht	AlfenStation		SignedStartStopMeterValue	Include the signed data in an extra metervalue message to the BO at the start en stop transaction.	Default: False Type: Boolean	Read only	No	Alfen
Eichrecht	AlfenEvse		PublicKey-EnergyMeter1	PublicKey-EnergyMeter	Public key of the first energy meter (if the energy meter contains a public key).	Default: Determined per order Type: String[40]	Read only	No	Alfen
Eichrecht	AlfenEvse		PublicKey-EnergyMeter2	PublicKey-EnergyMeter	Public key of the second energy meter (if the energy meter contains a public key).	Default: Determined per order Type: String[40]	Read only	No	Alfen
Security	None		CertificateSignedMaxChain		Maximum length of a certificate chain that can be installed.	Default: 2 Type: Integer	Read only	No	OCPP
Security	None		CertificateStoreMaxLength		Maximum number of Root/CA certificates that can be installed in the Charge Point.	Default: 4 Type: Integer	Read only	No	OCPP
Security	SecurityCtrlr		CertificateSignedMaxChainSize	MaxCertificateChainSize	Maximum length of a certificate chain that can be installed via a CertificateSigned request.	Default: 7000 Type: Integer	Read only	No	OCPP
Security	SecurityCtrlr	CpoName		OrganizationName	This configuration key contains CPO name (or an organization trusted by the CPO) as used in the Charge Point Certificate.	Default: " Type: String[50]	Read / Write	No	OCPP
Security	AlfenStation	PW-SetChargerPassword			Change the charging station's password Existing and new password, comma seperated: {existing},{new} Minimum length: 10 alphanumeric characters Max. length: 40 characters Excluded are backslash, double quote and commas.	Default: " Type: String	Read / Write	No	Alfen
Security	AlfenStation	PW-SetTempAccessKey			Allow temporary access with this password Minimum length: 10 alphanumeric characters Max. length: 40 characters Excluded are backslash, double quote and commas.	Default: " Type: String	Read / Write	No	Alfen
Security	AlfenStation	PW-TempAccessExpiration			Number of hours left, rounded up.	Default: " Type: String	Read / Write	No	Alfen

Security	AlfenStation	PW-EndUserAccessKey			The password of the end user The password either is unset (equal to admin password), empty or a 4 to 6 digit pin. When retrieving the configuration parameter, this returns 'PIN' when a pin is set, '*****' when unset and '' when empty.	Default: '' Type: String	Read / Write	No	Alfen
Security	AlfenStation	PW-AllowSSALogin			Allow Secure Service Access.	Default: False Type: Boolean	Read / Write	No	Alfen
Security	AlfenStation		SecurityProfile		This configuration key is used to set the security profile used by the charging station. The value of this configuration key can only be increased to a higher level, not decreased to a lower level. After the security profile was successfully changed, the charging station disconnects from the backoffice and will reconnect using the new configured Security Profile.	Default: 0 Type: Integer (0 - 3)	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-Currency			The ISO 4217 currency code for the pricing information that can be shown on the display. Note that some ISO codes will be automatically converted to a currency symbol.	Default: EUR Type: String[3]	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-StartPrice			The start price for a charging session (for display purposes only).	Default: 0.0 Type: Decimal (-999.995 - 999.995)	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-EnergyPrice			The price per kWh for a charging session (for display purposes only). A pricing information block will only be shown on the 'Available' screen.	Default: 0.0 Type: Decimal (-999.995 - 999.995)	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-MinutePrice			The price per minute for a charging session (for display purposes only). A pricing information block will only be shown on the 'Available' screen.	Default: 0.0 Type: Decimal (-999.995 - 999.995)	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-Other			The price per custom specifier (for display purposes only). A pricing information block will only be shown on the 'Available' screen.	Default: 0.0 Type: Decimal (-999.995 - 999.995)	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-OtherSpecifier			The pricing specifier of the other tariff.	Default: '' Type: String[32]	Read / Write	No	Alfen
Price transparency	AlfenStation	Pricing-ShowComponent			Determine if the disclaimer should be shown and which tariffs. Comma separated list, options: - disclaimer - perKwh - perMinute - perSession - perOther	Default: '' For instance: disclaimer,perKwh,perMinute,perSession,perOther Type: Memberlist	Read / Write	No	Alfen
Direct Payment Solutions	AlfenEvse	QRCodeURL			QR to be shown on the left socket.	Default: '' Type: String[193]	Read / Write	No	Alfen
Direct Payment Solutions	AlfenEvse	QRCodeURL2		QRCodeURL	QR to be shown on the right socket.	Default: '' Type: String[193]	Read / Write	No	Alfen
Direct Payment Solutions	AlfenStation		DPSAvailableMethods		A comma-separated list of the Direct Payment Solutions that are available. If no Direct Payment Solutions are available, this configuration key is hidden. Options: - Giro-e - QR - OTS	Default: Determined per order For instance: OTS,QR,Giro-e Type: Memberlist	Read only	No	Alfen
Direct Payment Solutions	AlfenStation		DPSConfiguredMethods		A comma-separated list of the Direct Payment Solutions that are configured. If no Direct Payment Solutions are available, this configuration key is hidden. Options: - Giro-e - QR - OTS	Default: '' For instance: OTS,QR,Giro-e Type: Memberlist	Read / Write	No	Alfen
Other	None	GetConfigurationMaxKeys			The maximum number of keys in a GetConfiguration message.	Default: 35 Type: Integer	Read only	No	OCPP
Other	None	NumberOfConnectors			Number of connectors. - Eve Single: 1 - Eve Double: 2 - Twin: 2	Default: Determined per order Type: String	Read only	No	OCPP
Other	ReservationCtrlr	ReserveConnectorZeroSupported		NonEvseSpecific	If this configuration key is set to true the CS supports reservations for connector 0 (complete CS).	Default: True Type: Boolean	Read only	No	OCPP
Other	OCPPCommCtrlr	ResetRetries			Number of times to retry an unsuccessful reset of the CS.	Default: 0 Type: Integer	Read only	No	OCPP
Other	AlfenStation	ForceFirmwareRollback			Manually force a firmware rollback by setting this configuration key to the current firmware version build number. NOTE: Only use this if absolutely necessary, firmware rollbacks can cause database issues and undefined behavior regarding Transactions.	Default: '' Type: String	Write only	No	Alfen