

Start:

limitCurrent = 0

limitCurrent1p = 8000

| automatic | miscellaneous automatics | channel | | |
|------------------------|---|---------|-------|-------------------------|
| addPower | additional regard to run charging session | state | value | 250 W |
| batterySoCForCharging | amount of watts to be used in regard to start charging session | state | value | 30 |
| batteryStorageStrategy | SoC of battery storage above which battery power is used for charging | state | value | full use of batt... (4) |
| calcPhases | with this state you can dynamically set a value of SoC (state of charge) above with battery storage can be used for strategy to use for battery storage (1-4) | state | value | 0 phases |
| limitCurrent | Dynamic value which strategy should be used for battery storage | state | value | 0 mA |
| limitCurrent1p | count of phases to calculate with for KeContact Deutschland-Edition | state | value | 8000 mA |
| pauseWallbox | radio charging station KeContact Deutschland-Edition has no energy meter. Therefore the charger cannot measure limit dynamic charging to this value of amperage (0 = no limitation) | state | value | false |
| photovoltaics | limit dynamic charging to this value of amperage in case of using 1p 3p switch ans s... | state | value | false |
| | pause charging of vehicle | state | value | |
| | switch to stop charging of vehicle. This switch has higher priority than photovoltaics and should be used to stop char... | state | value | |
| | photovoltaics automatic enabled | state | value | |
| | switch to load vehicle according to surplus of photovoltaics (true) otherwise load with maximum power (false). | state | value | |

➔ lädt 3 phasig aber nur mit 8A obwohl er „voll“ wegen „0“ laden sollte (lt. Auto-App)

1:

limitCurrent = 0

limitCurrent1p = 0

➔ lädt 3phasig nun mit 16a (lt. Auto-App)

2:

| automatic | miscellaneous automatics | channel | | |
|------------------------|---|---------|-------|-------------------------|
| addPower | additional regard to run charging session | state | value | 250 W |
| batterySoCForCharging | amount of watts to be used in regard to start charging session | state | value | 30 |
| batteryStorageStrategy | SoC of battery storage above which battery power is used for charging | state | value | full use of batt... (4) |
| calcPhases | with this state you can dynamically set a value of SoC (state of charge) above with battery storage can be used for strategy to use for battery storage (1-4) | state | value | 0 phases |
| limitCurrent | Dynamic value which strategy should be used for battery storage | state | value | 0 mA |
| limitCurrent1p | count of phases to calculate with for KeContact Deutschland-Edition | state | value | 0 mA |
| pauseWallbox | radio charging station KeContact Deutschland-Edition has no energy meter. Therefore the charger cannot measure limit dynamic charging to this value of amperage (0 = no limitation) | state | value | false |
| photovoltaics | limit dynamic charging to this value of amperage in case of using 1p 3p switch ans s... | state | value | false |
| | pause charging of vehicle | state | value | |
| | switch to stop charging of vehicle. This switch has higher priority than photovoltaics and should be used to stop char... | state | value | |
| | photovoltaics automatic enabled | state | value | |
| | switch to load vehicle according to surplus of photovoltaics (true) otherwise load with maximum power (false). | state | value | |

3:

limitCurrent = 0

limitCurrent1p = 8

➔ lädt 3phasig nun mit 8a (lt. Auto-App)

| automatic | miscellaneous automatics | channel | | |
|------------------------|---|---------|-------|-------------------------|
| addPower | additional regard to run charging session | state | value | 250 W |
| batterySoCForCharging | amount of watts to be used in regard to start charging session | state | value | 30 |
| batteryStorageStrategy | SoC of battery storage above which battery power is used for charging | state | value | full use of batt... (4) |
| calcPhases | with this state you can dynamically set a value of SoC (state of charge) above with battery storage can be used for strategy to use for battery storage (1-4) | state | value | 0 phases |
| limitCurrent | Dynamic value which strategy should be used for battery storage | state | value | 0 mA |
| limitCurrent1p | count of phases to calculate with for KeContact Deutschland-Edition | state | value | 8000 mA |
| pauseWallbox | radio charging station KeContact Deutschland-Edition has no energy meter. Therefore the charger cannot measure limit dynamic charging to this value of amperage (0 = no limitation) | state | value | false |
| photovoltaics | limit dynamic charging to this value of amperage in case of using 1p 3p switch ans s... | state | value | false |
| | pause charging of vehicle | state | value | |
| | switch to stop charging of vehicle. This switch has higher priority than photovoltaics and should be used to stop char... | state | value | |
| | photovoltaics automatic enabled | state | value | |
| | switch to load vehicle according to surplus of photovoltaics (true) otherwise load with maximum power (false). | state | value | |

4:

limitCurrent = 16

limitCurrent1p=8

| Category | Parameter Name | Description | Unit | Value | Channel |
|--------------------------|------------------------|--|--------|-------------------------|---------|
| automatic | addPower | | W | 250 | 664 |
| | batterySoCForCharging | | % | 30 | 664 |
| | batteryStorageStrategy | | | full use of batt... (4) | 664 |
| | calcPhases | | phases | 0 | 664 |
| | limitCurrent | limit dynamic charging to this value of amperage (0 = no limitation) | A | 16000 | 664 |
| | limitCurrent1p | limit dynamic charging to this value of amperage in case of using 1p 3p switch ans sp... | A | 8000 | 664 |
| | pauseWallbox | pause charging of vehicle | | false | 664 |
| miscellaneous automatics | photovoltaics | photovoltaics automatic enabled | | false | 664 |
| | channel | | | | |

➔ lädt 3phasig weiterhin nur mit 8a (lt. Auto-App)

Ladung dann durch Auto-App beendet und am Auto abgesteckt (nicht Keba App oder nicht durch Adapter)

gewartet "bis Error received from wallbox: TCH-ERR:X2 : not allowed now" Fehler weg ist

➔ bis hierher findest du die Einträge im Debug LOG.

noch ein Versuch betreffend X2 Einstellung im Adapter:

testweise habe ich in der Config umgestellt, dass X2 Umschalter ein Öffner ist um zu schauen was passiert.

Einstellungen für Phasenschalter

Zustand zum Schalten von 1 Phase auf 3 Phasen 

Name des States für Installationsschutz, um zwischen 1-phasigem und 3-phasigem Laden zu wechseln

Phasenumschaltung über Ausgang X2 der Ladestation
Aktivieren Sie diese Option, wenn Sie einen Phasenumschalter KeContact S10 verwenden oder ein Installationsschutz über den Ausgangskontakt X2 der Ladestation schalten

1p/3p Installationsschutz ist Schließer (NO) sonst Öffner (NC)
gibt an, ob es sich um einen Schließer-Installationsschutz (NO) handelt, der aktiviert wird um mit drei Phasen zu laden, sonst wird ein Öffner-Schutz (NC) angenommen, d.h. bei Aktivierung wird nur mit einer Phase geladen

dann kommt das (ist aber nur mehr info log):

| | | | |
|--------------|-------------------------|-------|--|
| javascript.0 | 2024-11-17 11:41:25.861 | error | at process.processImmediate (node:internal/timers:483:21) |
| javascript.0 | 2024-11-17 11:41:25.861 | error | at Immediate_onImmediate (/opt/iobroker/node_modules/@iobroker/js-controller-adapter/build/cjs/lib/adapter/adapter.js:5851:48) |
| javascript.0 | 2024-11-17 11:41:25.860 | error | at Object.stateChange (/opt/iobroker/node_modules/iobroker.javascript/main.js:645:29) |
| javascript.0 | 2024-11-17 11:41:25.860 | error | at Object.callback (/opt/iobroker/node_modules/iobroker.javascript/lib/sandbox.js:1452:38) |
| javascript.0 | 2024-11-17 11:41:25.860 | error | at Object.<anonymous> (script.js.common.weitere_Scripts.Instanzenüberwachung:22:72) |
| javascript.0 | 2024-11-17 11:41:25.860 | error | at script.js.common.weitere_Scripts.Instanzenüberwachung:22:17 |
| javascript.0 | 2024-11-17 11:41:25.860 | error | Error in callback: ReferenceError: timeout is not defined |
| kecontact.0 | 2024-11-17 11:40:51.540 | error | Charging with 3 but reduced (1p) expected, disabling 1p/3p switch for this charging session |
| kecontact.0 | 2024-11-17 11:40:25.118 | error | Error received from wallbox: TCH-ERR:X2 : not allowed now |
| kecontact.0 | 2024-11-17 11:40:23.917 | error | Error received from wallbox: TCH-ERR:X2 : not allowed now |
| kecontact.0 | 2024-11-17 11:40:21.757 | error | Error received from wallbox: TCH-ERR:X2 : not allowed now |
| kecontact.0 | 2024-11-17 11:39:51.755 | error | Error received from wallbox: TCH-ERR:X2 : not allowed now |

somit gehe ich davon aus, das die Einstellung X2 = Schließer richtig ist und habe wieder zurückgestellt

Einstellungen für Phasenschalter

Zustand zum Schalten von 1 Phase auf 3 Phasen 

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gibt an, ob es sich um einen Schließer-Installationsschutz (NO) handelt, der aktiviert wird um mit drei Phasen zu laden, sonst wird ein Öffner-Schutz (NC) angenommen, d.h. bei Aktivierung wird nur mit einer Phase geladen

Danach (sprich nach neustart Adapter) kommt nun interessanter Weise: regulation from 16000 to 8000

| | | | |
|-------------|-------------------------|------|---|
| admin.0 | 2024-11-17 11:43:34.327 | info | ==> Connected system.user.admin from :ffff:10.1.1.1 |
| kecontact.0 | 2024-11-17 11:41:42.671 | info | regulate wallbox from 16000 to 8000mA (maxPower) |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config wallboxNotIncluded: false |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config stateEnergyMeter3: |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config stateEnergyMeter2: |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config stateEnergyMeter1: modbus.0.holdingRegisters.200.40087_W |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config maxPower: 23000 |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config dynamicEnWG: false |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config stateEnWG: |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config regardTime: 180 |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config minTime: 300 |
| kecontact.0 | 2024-11-17 11:41:32.742 | info | config underusage: 500 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config delta: 1000 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config addPower: 250 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config minAmperage: 6000 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config 1p3pSwitchIsNO: true, 1p = 0, 3p = 1, off = 0 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config 1p3pViaX2: true |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config state1p3pSwitch: |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config statesIncludeWallbox: true |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config batteryStorageStrategy: 4 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config batteryMinSoC: 25 |
| kecontact.0 | 2024-11-17 11:41:32.741 | info | config batteryPower: 7500 |
| kecontact.0 | 2024-11-17 11:41:32.740 | info | config stateBatterySoC: modbus.0.holdingRegisters.1.40354_ChaSt |
| kecontact.0 | 2024-11-17 11:41:32.740 | info | config stateBatteryDischarging: modbus.0.holdingRegisters.1.40334_A_DCW |
| kecontact.0 | 2024-11-17 11:41:32.740 | info | config stateBatteryCharging: modbus.0.holdingRegisters.1.40314_3_DCW |
| kecontact.0 | 2024-11-17 11:41:32.740 | info | config stateSurplus: |
| kecontact.0 | 2024-11-17 11:41:32.740 | info | config stateRegard: modbus.0.holdingRegisters.200.40087_W |
| kecontact.0 | 2024-11-17 11:41:32.739 | info | config useX1forAutomatic: false |
| kecontact.0 | 2024-11-17 11:41:32.739 | info | config loadChargingSessions: true |
| kecontact.0 | 2024-11-17 11:41:32.739 | info | config pollInterval: 30 |
| kecontact.0 | 2024-11-17 11:41:32.739 | info | config passiveMode: false |
| kecontact.0 | 2024-11-17 11:41:32.739 | info | config host: 10.1.4.9 |
| kecontact.0 | 2024-11-17 11:41:31.458 | info | Using min time between phase switching of: 305 |
| kecontact.0 | 2024-11-17 11:41:31.450 | info | starting charging station in active mode |

