VOLTRADER

Supported Manufacturer and Devices via LAN / WLAN

battery: x = normal support, ● active battery control

House installation components

House installation components	Meter	Pv	Battery	Wallbox	Additional Information
Acrel ADW300 Wireless Metering Meter	x	x		x	
Ads-tec StoraXe			x		
Alpha ESS Storion SMILE	x	x	●		To use active battery control, times for grid charging must be defined once via the web interface or app. (Settings->Function settings->Grid charging/discharging) A continuous time period should be entered here (e.g.: Charging time 1 00:00-23:00, Charging time 2 23:00-00:00). However, deactivate the "Grid charging" switch. The actual control takes place via evcc. Discharge stop is realized via a scheduled grid charge with a target SoC of 10%. Alternatively, it can also be configured via Modbus. To do this, set the registers 2134,2142,2135,2136,2144,2137,2175 to the values 0,0,23,0,23,0,0,0,0 .
Ampere Ampere.StoragePro	x	x	x		
Anker Micro Inverter		x			
APsystems EZ1		x			
BGEtech DS100	x	x		x	
BGEtech WS100	x	x		x	
Bosswerk Micro Inverter		x			
Carlo Gavazzi EM/ET 330/340	x			x	
Carlo Gavazzi EM24	x			x	
Carlo Gavazzi EM530/540	x			x	
cfos PowerBrain Meter				x	
Deye 3p Hybrid Inverter	x	x	●		

Deye hp3 hybrid inverter	x	x	●		
Deye Micro inverter		x			
Deye Storage inverter	x	x	x		
Deye String inverter		x			
Discovergy	x	x			
DSMR	x				
E3/DC	x	x	●		Username and password are identical to Web Portal or My E3/DC App access. Key (=RSCP-Password) must be set in the E3/DC System at Personalize/User Profile. Note: Active battery control will override Smart-Power/Operating Range settings.
Enphase IQ Envoy	x	x	x		Only batteries of type "AC Battery" are currently supported by Enphase-API.
ESPHome DSMR	x				
Fenecon	x	x	x		
FoxESS H1 Series Hybrid Inverter		x	x		
FoxESS H3 Series Hybrid Inverter	x	x	●		
Fronius Ohmpilot	x				
Fronius Primo GEN24 Plus	x	x	●		
Fronius Solar API V1	x	x	●		Username and password are only required for active battery control. Attention: Active battery control should only be used if no other settings for time-dependent battery control were made in the inverter configuration under "Energy Management" - "Battery Management", as existing settings will be overwritten.
Fronius Symo Gen 24 Plus	x	x	x		
go-e Controller	x	x			
Goodwe ET/EH/BH/BT Hybrid Inverter	x	x	●		
Goodwe SDT-DT Inverter		x			
Growatt Hybrid Inverter	x	x	●		To use the active battery control, a one-time manual setup is necessary. The modbus registers 1100, 1101, 1102 need to be set to the values 0, 5947, 0 at the same time (via "write multiple", FC 16). This can be done by e.g. using the Modbus CLI: modbus [...] H@1100=0 H@1101=5947 H@1102=0. The active battery control uses the first "Battery first" timeslot, so it cannot be used otherwise.
Growatt TL-X(H) Hybrid Inverter	x	x	●		

HomeWizard kWh Meter		x			
HomeWizard Wi-Fi P1 Meter	x				
Hoymiles HM & HMS Serie		x			via OpenDTU
Huawei EMMA	x	x	x		
Huawei Smartlogger	x	x	●		
Huawei SUN2000	x	x	●		Grid and Battery require the PowerSensor. Modbus/TCP requires activation using "maintenance access" within the communication settings of the inverter. See https://forum.huawei.com/enterprise/en/modbus-tcp-guide/thread/667250677153415168-667213868771979264
Huawei SUN2000 SDongle		x			Needs "Modbus/TCP". Activation using "maintenance access" within the communication settings of the inverter.
IGEN Tech Solarman Logger		x			
Janitza B Series	x			x	
KEBA KeContact E10	x				
Kostal Energy Meter C (KEM-C)	x			x	
Kostal Piko Hybrid	x	x	x		
Kostal Piko MP Plus		x			
Kostal Piko, Piko BA	x				
Kostal Plenticore Hybrid		x	●		Only a single system may access the inverter! For active battery control, the external battery control via Modbus must be activated using installer access.
Kostal Plenticore Hybrid (Gen2)		x	●		Only a single system may access the inverter! For active battery control, the external battery control via Modbus must be activated using installer access. The function for grid charging the battery is available using this template, but is currently incompatible with inverters of HW version 0100.
Kostal Smart Energy Meter	x				
Kostal Smart Energy Meter (via Inverter)	x				The energy meter must be installed in sensor position 2 (grid connection). Sensor position 1 (House consumption) is not supported.
LG ESS Home 15	x	x	x		
LG ESS Home 8/10	x	x	x		
Loxone Miniserver	x	x	x	x	username, password, meterblock, socblock required
mhendriks P1 dongle	x				
my-pv ELWA2/ELWA-E/AC THOR/Wifi Mete	x				
OpenEMS	x	x	x		
P1 Monitor	x				

Plexlog	x	x	x		The values are updated approximately every 15 seconds, hence the evcc interval should not be less than 30 seconds.
Powerdog	x	x			
Powerfox Poweropti	x	x			
QCells Hybrid-Inverter (Cloud)	x	x	x		The QCells hybrid inverter has to be registered in the QCellsCloud. Attention: Values can only be fetched every 150s and then also can be 5 minutes old. Charging by PV will not be optimal because of this! Only use as fallback if no local access is available.
Qcells Q.HOME ESS HYB-G3	x	x	●		
RCT Power	x	x	x		
SAJ H2 Series Hybrid Solar Inverter	x	x	x		
SAX Homespeicher	x		●		
SENEC Home	x	x	x		
Senergy SE 4/5/6KTÖ-S1/G2 Inverter		x			
Shelly 3EM	x	x	x		
Shelly Pro 3EM	x	x	x		
Siemens 7KT1665	x			x	
Siemens Junelight Smart Battery	x	x	x		The battery has to be set to Loxone with the installer account.
Siemens PAC 2200	x			x	
SMA Data Manager	x	x	x		In the web interface of the SMA Data Manager you need to activate "Modbus Server activated" in the section "External communication".
SMA Energy Meter	x	x			
SMA Inverter (Speedwire)		x			
SMA Smart Energy Hybrid Inverter		x	●		
SMA Sunny Boy Storage 1.5/2.0/2.5			●		
SMA Sunny Boy Storage 3.7/5.0/6.0			●		
SMA Sunny Home Manager 2.0	x				
SMA Sunny Island			●		
SMA WebBox		x			
SMA Wechselrichter (Modbus)		x			
Smartfox Box/Reg/Reg extended	x	x			aux can be used for water heating power.

Smartfox Pro, Pro 2, Pro Light, Pro Light 2, Light (EM2 firmware)	x	x			aux can be used for water heating power.
SofarSolar HYD 3 6K-EP	x	x	●		LSE-3 logger stick using a LAN connection and ModBus TCP via the port 8899 is the easiest connection. The LSW-3 WiFi stick is not supported. For a RS485 serial connection using the inverter's COM port the inverter's side must be properly terminated.
SofarSolar HYD 5 20K-3PH	x	x	●		LSE-3 logger stick using a LAN connection and ModBus TCP via the port 8899 is the easiest connection. The LSW-3 WiFi stick is not supported. For a RS485 serial connection using the inverter's COM port the inverter's side must be properly terminated.
SofarSolar Inverter, Hybrid Inverter	x	x	x		
SofarSolar SOFAR 5 24KTL-G3	x	x	●		LSE-3 logger stick using a LAN connection and ModBus TCP via the port 8899 is the easiest connection. The LSW-3 WiFi stick is not supported. For a RS485 serial connection using the inverter's COM port the inverter's side must be properly terminated.
SofarSolar SOFAR 80 136KTL	x	x	●		LSE-3 logger stick using a LAN connection and ModBus TCP via the port 8899 is the easiest connection. The LSW-3 WiFi stick is not supported. For a RS485 serial connection using the inverter's COM port the inverter's side must be properly terminated.
Solaranzeige Solaranzeige	x	x			
SolarEdge Hybrid Inverter	x	x	●		Only one system can and may have a Modbus TCP connection to the inverter at the same time! For optional battery control, StorageConf_CtrlMode (0xE004) must be set to 4 "Remote" that is most easily achieved by setting the battery mode to "Time of Use" e.g. in the MySolarEdge-App.
SolarEdge Inverter	x	x			Only one system may access the inverter!
Solarlog	x	x			We recommend to use this device for grid power values only, if no other device is available providing this data. If you have a home battery installed, please do not use this device at all for grid power values.
SolarMax MAX.Storage	x	x	●		For batter control, the "Connectivity+" function must be activated via the Solarmax support. Available from software version 3.4.4. Without activation, the function remains without effect. Grid charging is generally not available.
SolarMax MAX.Storage Ultimate	x	x	●		For batter control, the "Connectivity+" function must be activated via the Solarmax support. Available from software version 3.4.4. Without activation, the function remains without effect. Grid charging is generally not available.
SolarMax SMT		x			

SolarMax SP Series Inverter		x			
Solarwatt EnergyManager & EM Pro	x	x	x		
Solarwatt MyReserve & MyR Matrix	x	x	x		
Solax Hybrid X1/X3 G3/G4	x	x	●		
Solax Hybrid-Inverter (Cloud)	x	x	x		The Solax hybrid inverter has to be registered in the SolaxCloud. Charging by PV will not be optimal because of this! Only use as fallback if no local access is available.
Solax Inverter (Cloud)		x			The Solax hybrid inverter has to be registered in the SolaxCloud. Charging by PV will not be optimal because of this! Only use as fallback if no local access is available.
Sonnen comfort, eco5, eco6, oem6.5	x	x	x		
Sonnen sonnenBatterie	x	x	●		For active battery control, the "JSON Write API" must be activated via the sonnenBatterie web interface (under Software-Integration) and the API token generated there must be entered in the battery configuration under token.
Steca coolcept flex		x			
Sungrow SG Series Inverter	x	x			
Sungrow SH Series Hybrid Inverter	x	x	●		Connections via the WiNet-S dongle (WiFi or LAN) only work with the latest firmware. Older versions do not provide all required data (power, state of charge).
Sunsynk 3p Hybrid Inverter	x	x	●		
Sunsynk hp3 hybrid inverter	x	x	●		
Sunsynk Micro Inverter		x			
Sunsync Storage Hybrid Inverter	x	x	x		
Sunsync String Inverter		x			
Tasmota SML IR-Lesekopf	x				To be able to read the values of the smart meter for evcc correctly, the IR reader script must be changed so that the following JSON tags are generated: SML as the group name of the read parameters, Total_in for the total consumption in KWh (4 decimal places), Total_out for the total feed-in in KWh (4 decimal places), Power_curr for the current consumption or the current feed-in in W (0 decimal places)
Tesla Powerwall	x	x	●		To use the optional battery control you need to generate a refresh token for communicating with the Tesla API. The following apps allow to create the token: Auth app for Tesla (iOS), Tesla Tokens (Android), Tesla Auth (macOS, Linux)
Tibber Pulse	x				Token &homeid required
TQ Energy Manager EM2xx/EM3xx	x				token required

TQ Energy Manager EM420	x				
VARTA pulse, pulse neo, element	x	x	x		PV only available with PV sensor
Victron EM24	x			x	
Victron EM530/EM540	x			x	
Victron Energy	x	x	●		For grid usage, a grid meter VRM instance is require to enabled load management.
Victron ET340	x			x	
Youless Energy Monitor	x	x			An externally connected S0 generation meter is required to record the solar production.
ZCS Azzurro Inverter, Hybrid Inverter	x	x	x		
Zendure Hyper 2000		x	x		
Zuidwijk SlimmeLezer(+)	x				
Zuidwijk SlimmeLezer(+) V2	x				More recent slimmelezer devices use a different configuration. Try this template if the other one fails.
Generic Support					
SunSpec Batterie (Model 124)			●		
SunSpec Batterie (Model 802)			●		
SunSpec Hybrid Inverter	x	x	x		
SunSpec Inverter	x	x	x		
Volkszähler HTTP API	x				url & uuid required
Volkszähler WebSocket Api	x				
vzlogger	x				
AVM FritzDECT		x		x	uri, user, password & ain (Device Backside) required
Homematic IP		x		x	device (Homematic Device ID), user, password required
myStrom Switch		x		x	
Shelly 1PM, EM, Plug S, Pro 3EM in monopha	x	x		x	user, password, channel required
Tasmota einphasig		x	x	x	
Tasmota dreiphasig	x	x	x	x	Meter channels 1,2,3 must be used. User, password required
TP-Link H-Series Smart Plug		x			
TP-Link Tapo P-Series Smart Plug		x			

Link: https://docs.evcc.io/en/docs/devices/chargers

Chargers

1P3P *Support for automatic phase switching. Wider power range (usually 1.4 to 11 kW).*
RFID *Integration of an RFID card reader for vehicle identification.*
mA *Finer charging current regulation (mA instead of A) for better use of PV surplus.*
ISO 15118 *Support for Plug & Charge (vehicle identification, SoC transmission)*

Wallboxen	1P3P	RFID	mA	ISO15118	Additional Information
ABB Terra AC			x		Requires firmware >= 1.6.5
ABL eM4 (SBCx)			x		
Alfen Eve	x		x		The "Active load balancing" license is required for external Modbus control of the charger. Enable "Active Load Balancing" and select "Energy Management System" as Data Source in the configuration. It is recommended to set "ValidityTime" ("TCP/IP EMS" menu) to 300s. When using "Double" charger both loadpoints need to be added. The the first port (or single) is accessable on ID 1, second port on ID 2.
Amperfied Wallbox connect.business		x	x		
Amperfied Wallbox connect.home		x	x		
Amperfied Wallbox connect.solar	x	x	x		
Audi Wallbox plus / pro (Beta)			x		identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due to sosftware bugs of the Wallbox. Using a LAN connection is highly recommended.
AUTEL AC MaxiCharger, AC Compact (OCPP)			x		In the search bar type “Custom” and select it. Server URL: ws://[evcc-address]:8887/ (local network connection) Charger ID: Leave empty (for use the serial number) or set custom value which is reused in configuration as stationid
Bender CC612/613		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.

BMW i Wallbox	x	x	x		Requires firmware version 3.10.42 (C-series) bzw. 1.11 (X-series). For phase switching the Keba phase switch (KeContact S10) is also required and the switching control via Modbus must be set in the wallbox settings. For the X-series in the web menu, for the C-series via Modbus by setting the value "3" in register 5050.
cFos Power Brain, Power Brain Solar	x	x	x		S0 meters must be configured separately as charge meter. Phase switching is only available with the Solar variant and must be enabled by the user.
Compleo eBox			x		
CUBOS C11E, C22E		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Cupra Charger Connect			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended. Note: If you've added an energy meter to your charger please use the Pro or Connected+ integration.
Cupra Charger Connect 2			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Cupra Charger Pro			x		identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy
Cupra Charger Pro 2			x	x	switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Cupra Charger Pro Eichrecht 2			x	x	switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Dadapower Premium Wallbox	x	x	x		
DaheimLaden Wallbox					Wallbox must be operated with a recent firmware including Modbus support. Furthermore, “Nachladen” (Smart) or “RSDA” (Touch) must be activated in settings.
Delta AC Max Basic		x	x		
Delta AC Max Smart		x	x		
Delta SLIM Charger		x	x		
Delta Ultra Fast Charger		x	x		

E.ON Drive eBox			x		
E.ON Drive vBox					
E3/DC Easy Connect		x	x		DIP switch 10 at the controller needs to be set to 'ON'. A recent controller firmware is recommended.
Easee Charge	x	x			
Easee Charge Core	x	x			
Easee Charge Lite	x	x			
Easee Charge Home	x	x			
Ebee Wallbox		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
echarge cPH1					Charge mode must be configured as manual
echarge cPH2, cPµ2					
EcoHarmony EVSE EPC 2.0 Plus					
Elli Charger Connect			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended. Note: If you've added an energy meter to your charger please use the Pro or Connected+ integration.
Elli Charger Connect 2			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.

Elli Charger Pro			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended.
Elli Charger Pro 2			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Elli Charger Pro Eichrecht 2			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
EM2GO Home	x		x		Requires FW Version >= E3C_V1.1. mA regulation requires FW version >= E3C_V1.3.
EM2GO Pro Power, OCPP/ONC			x		Recent firmware with Modbus support required (Home: E3C_V1.1, Pro Power: 1.01 and OCPP/ONC: 3.15)
Ensto Chago Wallbox		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
ESL Walli LIGHT		x	x		DIP switch 10 at the controller needs to be set to 'ON'. A recent controller firmware is recommended.
eSystems ghostOne			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Etrel INCH			x		The charger must be switched to "Power" charging mode.
Etrel INCH Duo			x		The charger must be switched to "Power" charging mode.
EVBox Elvi					
EVBox Livo					
EVSE-WiFi					
Fronius Wattpilot (OCPP)					
Garo GLB, GLB+, LS4, LS4 compact		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
go-e Charger Gemini, HOME+, Homefix (V3)	x	x			Requires firmware 052.1 or later. For 1P/3P-Phase switching the HTTP API v2 in the charger setup needs to be activated. The “simulate unplugging” option should be activated in the Go-E app ("Car" menu item).
go-e Charger HOME+, Homefix, Pro		x			Requires firmware 040.0 or later. HTTP API v1 or v2 must be activated.
HardyBarth cPH1					Charge mode must be configured as manual
HardyBarth cPH2, cPµ2					
Hesotec eSat, eBox					

Homecharge Homecharger HC11L, HC22L					The charger must be equipped with a built-in meter (models HC11L/HC22L Energy or Profi). For the OCPP configuration, you need to access the EFR-SECC charge controller at http://host/secc. For login credentials, ask your dealer or the vendor EFR (www.efr.de).
Innogy eBox			x		
INRO Pantabox					
Juice Charger Me		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
KEBA KeContact P20, P30, C/X Series	x	x	x		Requires firmware version 3.10.42 (C-series) bzw. 1.11 (X-series). For phase switching the Keba phase switch (KeContact S10) is also required and the switching control via Modbus must be set in the wallbox settings. For the X-series in the web menu, for the C-series via Modbus by setting the value "3" in register 5050.
Kontron Solar Charger			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
LadeFoxx EvLoad, Mikro 2.0					
Mennekes Amedio Professional, Amtron ChargeControl, Professional		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Mennekes Amtron XTRA, Amtron Premium					
my-PV AC ELWA 2					
NRG Kick Connect					NRGkick charging unit via HTTP (older than 2022/2023)
NRG Kick Gen2	x		x		
OBO Bettermann Ion					
OpenEVSE					Requires firmware 7.0 or later.
openWB Pro	x		x	x	
openWB series2					The wallbox has to be configured as loadpoint.
openWB Software 2.x	x		x		Requires software 2.x. he following changes are necessary under the 'Einstellungen' tab: Steuerungsmodus: secondary Steuerung über Modbus als secondary: An
Optec Mobility One		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Orbis Viaris					
PC Electric Garo					Only devices configured as master can be used right now!

Peblar Home, Home Plus, Business	x		x		Peblar chargers with firmware version 1.6 and onwards support Modbus TCP via port 502. The Modbus server needs to be enabled via the charger web interface. Ensure that smart charging strategies are disabled and set to Default.
Phoenix Contact CHARX					
Phoenix Contact EM-CP-PP-ETH					
Phoenix Contact EV-CC-AC1-M3-CBC-RCM-ETH, EV-CC-AC1-M3-CBC-RCM-ETH-3G, EV-CC-AC1-M3-RCM-ETH-XP, EV-CC-AC1-M3-RCM-ETH-3G-XP		x	x		DIP switch 10 at the controller needs to be set to 'ON'. A recent controller firmware is recommended.
Porsche Mobile Charger Connect			x	x	
Porsche Mobile Charger Plus					
Porsche Wallbox			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Pracht Alpha XT, XT+, Mono XT, MonoXT+, PNI					
Pulsatrix					
Schneider Evlink Pro					
Siemens Versicharge GEN3					Requires firmware >= 2.121.5
Skoda Charger Connect, Charger Pro, Charger Pro Eichrecht			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Skoda iV Charger Connect			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended. Note: If you've added an energy meter to your charger please use the Pro or Connected+ integration.

Skoda iV Charger Connect Plus			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended.
SMA EV Charger			x		The charger must be switched to "Fast" charging mode and the user must have "Administrator" rights.
smartWB					
SolarEdge Home EV Charger	x	x	x		Requires firmware version 3.10.42 (C-series) bzw. 1.11 (X-series). For phase switching the Keba phase switch (KeContact S10) is also required and the switching control via Modbus must be set in the wallbox settings. For the X-series in the web menu, for the C-series via Modbus by setting the value "3" in register 5050.
Sonnen sonnenCharger			x		The charger must be switched to "Power" charging mode.
Spelsberg Wallbox		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Sungrow AC011E-01	x		x		
TechniSat Technivolt		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Tesla TWC3					The TWC wallbox cannot be controlled directly. Control is via the vehicle. The vehicle must be associated with the TWC3 loadpoint. At this time only Tesla vehicles are supported.
TinkerForge WARP Charger Pro	x	x	x		WARP Firmware v2 required. Automatic phase switching requires the additional WARP Energy Manager.
TinkerForge WARP Charger Smart	x	x	x		WARP Firmware v2 required. Automatic phase switching requires the additional WARP Energy Manager.
TinkerForge WARP3 Charger Pro	x	x	x		The automatic phase switching for 1p vehicles must be deactivated. Siehe https://docs.warp-charger.com/docs/mqtt_http/api_reference/evse#evse_phase_auto_switch_warp3.
TinkerForge WARP3 Charger Smart	x	x	x		The automatic phase switching for 1p vehicles must be deactivated. Siehe https://docs.warp-charger.com/docs/mqtt_http/api_reference/evse#evse_phase_auto_switch_warp3.
Ubitricity Heinz		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Vestel EVC04 Home Smart, Connect Plus					

Victron EV charging station					Enter the host of the charger (not the GX device) and ensure that the charger is in manual mode.
Victron EV charging station GX					Enter the host of the GX device (not the charger). The charger has to be in manual mode and Modbus has to be configured for ID 100.
Viridian EV EVSE EPC 2.0 Plus					
Volkswagen Charger Connect 2, Charger Pro 2, Charger Pro Eichrecht 2			x	x	The device has to be used in the normal charging mode. The usage of phase switching is currently not possible in evcc. The identification of a vehicle using the RFID card is not possible.
Volkswagen ID. Charger Connect			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended. Note: If you've added an energy meter to your charger please use the Pro or Connected+ integration.
Volkswagen ID. Charger Pro			x		The device has to have a fix IP address (manuall or via DHCP). The identification of a vehicle using the RFID card is not possible. Important: A mostly flawless functionality can only be provided with an external energy meter and no usage of CT coils, due software bugs of the Wallbox. Using a LAN connection is highly recommended.
Wallbe Eco, Eco 2.0, Pro		x	x		DIP switch 10 at the controller needs to be set to 'ON'. A recent controller firmware is recommended.
wallbox Pulsar Plus, Pulsar Max, Commander 2, Copper SB (FW 5.x)					Setup Guide: https://support.wallbox.com/en/knowledge-base/ocpp-activation-and-setup-guide/ Switch on “Enable OCPP” (myWallbox app) or enable the “OCPP WebSocket connection” switch (myWallbox Portal) Enable “Improved charger control” (Profile -> Experimental functions) (myWallbox app) URL: ws://[evcc-adresse]:8887/ (local network connection) Charge Point Identity: Custom value (e.g. serial number of charger) which is reused in configuration as stationid Password: leave empty

wallbox Pulsar Plus, Pulsar Max, Commander 2, Copper SB (FW 6.x)					Setup Guide: https://support.wallbox.com/en/knowledge-base/ocpp-activation-and-setup-guide/ Switch on “Enable OCPP” (myWallbox app) or enable the “OCPP WebSocket connection” switch (myWallbox Portal) Enable “Improved charger control” (Profile -> Experimental functions) (myWallbox app) URL: ws://[evcc-adresse]:8887/ (local network connection) Charge Point Identity: Custom value (e.g. serial number of charger) which is reused in configuration as stationid Password: leave empty
Webasto Live		x			The 'Modbus TCP Server' must be enabled. The setting 'Register Address Set' must NOT be set to 'Phoenix' or 'TQ-DM100'. Use the third selection labeled 'Ebee', 'Bender', 'MENNEKES' etc. Set 'Allow UID Disclose' to On.
Webasto Next		x			Mode "HEMS activated" must be enabled. RFID tags can only be read by evcc.
Webasto Unite					
Weidmüller AC Smart	x	x			
Zaptec Go, Pro					
Generic support					
Demo charger			x		
EEBUS compatible Wallbox					

OCPP 1.6J compatible charger with Smart Charging Profile					With OCPP the connection will be established from charger (client) to evcc (server). The charger needs to be able to reach evcc via the host name (functioning DNS resolution required!) or via the IP address on port 8887. By default, the first incoming connection with any station identifier is used. In order to be able to clearly assign several charging points, the respective station identifier (stationid:) and connector number (connector:) must be configured. Many wallboxes automatically add the station id to the backend URL, some have to do this manually ws://<evcc>:8887/<stationid>. If the charger supports sending metering values try to adjust the interval to a short time span (< 10s) . Use your RFID tags (this allows e.g. vehicle identification) or set your charger to "free charging" or "autostart" to generate the transaction required for charging release. If the charger does not offer any option to start transactions locally, the remotestart advanced option can be used to automatically start a transaction as soon as a vehicle is connected. This should only be necessary in exceptional cases. Requirements: If necessary, remove previously configured OCPP profiles (e.g. used for a different backend connection) in the charger configuration Backend URL (Central System) in the charger configuration: ws://[evcc-adresse]:8887/ (possibly add stationid) Protocol: OCPP-J v1.6, ocpp16j, JSON, Websocket, ws:// or similar No encryption, no authentication, no password Local network connection. The specific configuration and the actual usable functionality depend on the charger model and its software.