

Network Integration Guide

KEMPOWER: Support Documentation for S-Series, T-Series, C-Series and C-Station

Local configuration setting

IMPORTANT: For instructions on how to open and operate this station, you must go to the manufacturer directly and request the latest installation manual. They will also provide you with information on where the SIM card slot is located.

Process to update the initial configuration to the station

- Server URL: via ChrgEye or locally
- Chargebox ID: via ChrgEye or locally
- APN Info: Locally with maintenance tool (trained personnel only)

OCPP Configuration

- In case there is no working OCPP connectivity to the charger, the charger provides a web-based configuration interface for changing the charger settings. It can be accessed remotely (if Internet connection is available) directly by charger IP address (provided there is no firewall), locally through WiFi, or physically opening the Charger and plugging in an Ethernet cable.
- Authentication is required to access the web interface. A privileged user account to Kempower cloud service is required to acquire the charging station specific token (password), which is required to access the charger's configuration panel. There is also offline mode available which requires knowledge of a charger specific private key.
- Connection is HTTPS (TLS) secured. The certificate's validity should be checked by comparing the Certificate Fingerprint on the Web Browser's Certificate dialog to the Kempower supplied valid fingerprint for the charger, to prevent eavesdropping. All the same settings that are available through OCPP are available in the configuration panel.

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CONFIGURATION OPTIONS

AuthCacheCtrlr **Enabled**

AuthorizationCacheEnabled (OCPP 1.6)

If this variable exists, the Charging Station supports an Authorization Cache.

LifeTime

Indicates how long it takes until a token expires in the authorization cache since it is last used.

AuthCtrlr

AuthorizationTimeOut

AuthorizationTimeOut (OCPP 1.6)

If cable is plugged in first and charging is started, how long does user have to authorize before charging is stopped?

AuthorizeRemoteStart

AuthorizeRemoteTxRequests (OCPP 1.6)

Whether a remote request to start a transaction in the form of RequestStartTransactionRequest message should be authorized beforehand like a local action to start a transaction.

Enabled

AuthEnabled (OCPP 1.6)

If this variable reports a value of true, Authorization is enabled.

LocalAuthorizeOffline

LocalAuthorizeOffline (OCPP 1.6)

Whether the Charging Station, when Offline, will start a transaction for locally-authorized identifiers.

LocalPreAuthorize

LocalPreAuthorize (OCPP 1.6)

Whether the Charging Station, when online, will start a transaction for locally-authorized identifiers without waiting for or requesting an AuthorizeResponse from the CSMS.

OfflineTxForUnknownIdEnabled

AllowOfflineTxForUnknownId (OCPP 1.6)

If this key exists, the Charging Station supports Unknown Offline Authorization.

TokenForUnauthenticated

AuthTokenForUnauthenticated (OCPP 1.6)

If Auth not enabled ("free mode"), which tag should we use

DisplayCtrlr **DemoModeEnabled**

Enables display of "Demo" button in UI panel, which triggers a simulation of charging. For demonstration

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DEVICE CONFIGURATION

Designer JSON

Type Trolley Cabinet Satellite

Configuration description

SATELLITES

Satellite ID

X REMOVE

Connector 1 None CCS CHAdeMO Max. cable current [A] 125

Connector 2 None CCS CHAdeMO Max. cable current [A] 100

Satellite ID

X REMOVE

Connector 1 None CCS CHAdeMO Max. cable current [A] 125

Connector 2 None CCS CHAdeMO Max. cable current [A] 100

+ Add satellite

POWER MODULES

POWER ROUTING

Satellite 1 Connector 1 Power channels

1A 1B

Satellite 1 Connector 2 Power channels

2A 2B

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Limited Warranty Information and Disclaimer

The Limited Warranty you received with your charging station is subject to certain exceptions and exclusions. For example, your use of, installation of, or modification to, the ChargePoint® charging station in a manner in which the ChargePoint® charging station is not intended to be used or modified will void the limited warranty. You should review your limited warranty and become familiar with the terms thereof. Other than any such limited warranty, the ChargePoint products are provided "AS IS," and ChargePoint, Inc. and its distributors expressly disclaim all implied warranties, including any warranty of design, merchantability, fitness for a particular purposes and non-infringement, to the maximum extent permitted by law.

Limitation of Liability

CHARGEPOINT IS NOT LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE OR CONSEQUENTIAL DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS, LOST BUSINESS, LOST DATA, LOSS OF USE, OR COST OF COVER INCURRED BY YOU ARISING OUT OF OR RELATED TO YOUR PURCHASE OR USE OF, OR INABILITY TO USE, THE CHARGING STATION, UNDER ANY THEORY OF LIABILITY, WHETHER IN AN ACTION IN CONTRACT, STRICT LIABILITY, TORT (INCLUDING NEGLIGENCE) OR OTHER LEGAL OR EQUITABLE THEORY, EVEN IF CHARGEPOINT KNEW OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES. IN ANY EVENT, THE CUMULATIVE LIABILITY OF CHARGEPOINT FOR ALL CLAIMS WHATSOEVER RELATED TO THE CHARGING STATION WILL NOT EXCEED THE PRICE YOU PAID FOR THE CHARGING STATION. THE LIMITATIONS SET FORTH HEREIN ARE INTENDED TO LIMIT THE LIABILITY OF CHARGEPOINT AND SHALL APPLY NOTWITHSTANDING ANY FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Important: Changes or modifications to this product not authorized by ChargePoint, inc., could affect the EMC compliance and revoke your authority to operate this product.

Exposure to Radio Frequency Energy: The radiated power output of the 802.11 b/g/n radio and cellular modem (optional) in this device is below the FCC radio frequency exposure limits for uncontrolled equipment. The antenna of this product, used under normal conditions, is at least 20 cm away from the body of the user. This device must not be co-located or operated with any other antenna or transmitter by the manufacturer, subject to the conditions of the FCC Grant.

ISED (formerly Industry Canada)

This device complies with the licence-exempt RSS standard(s) of Innovation, Science and Economic Development Canada (ISED). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux flux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada (ISDE). L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter.

Radiation Exposure Statement: This equipment complies with the IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Énoncé d'exposition aux rayonnements: Cet équipement est conforme aux limites d'exposition aux rayonnements ioniques RSS-102 Pour un environnement incontrôlé. Cet équipement doit être installé et utilisé avec un Distance minimale de 20 cm entre le radiateur et votre corps.

FCC/IC Compliance Labels

Visit chargepoint.com/labels.



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