



EV Charging Systems

# 2019 PRODUCT CATALOGUE

## NEW ZEALAND

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## THE FUTURE IS ELECTRIC

Tomorrows EVs will require advanced charging management to minimise their impact on infrastructure and the environment. Evnex provides solutions to shift EV charging load away from peak times, resulting in lower charging costs and reduced reliance on fossil fuel generation.

### SECURE



Connected products require careful consideration when it comes to security. The Evnex managed OCPP platform provides end to end security, from charging station to cloud.

### SIMPLE



Customer engagement is crucial to support the uptake of managed technologies. We help to improve your customers experience, with thoughtfully designed products, and APIs to integrate with your user facing applications.

### SUSTAINABLE



We're passionate about the environmental benefits of electric vehicles, but we don't stop there. We work hard to minimise our footprint, from operations, right through to manufacturing and packaging.

## R-SERIES CHARGING STATION

The R-Series charging stations are tough, connected, and easy to use, ideal for residential and commercial use. Designed from the ground up for cellular connectivity, the R-Series are ideal for smart grid integration and managed charging.



### SPECIFICATIONS

- 7kW single phase (R7) or 22kW three phase (R22)
- 230VAC (R7) or 400VAC (R22) 50/60Hz
- Tethered / non tethered option
- IEC 61851 compliant
- Quad band 3G/2G or LTE-M cellular support
- OCPP1.6J
- Configurable via Bluetooth (mobile app)
- MID metering option
- RFID / NFC support

## CHARGING STATION HARDWARE

Our CORE control module allows charging station designers to rapidly bring their products to life. Highly compact in size, it includes IEC 61851 charge control, OCPP support, and an integrated cellular modem.

### CORE ENERGY CONTROL MODULE

- Cellular connected (3G / LTE-M)
- Compact 2x DIN module size
- Turnkey solution for new charging station designs
- OCPP1.6J compatible
- Includes several I/O ports for expansion options





# CHARGING STATION MANAGEMENT

Our fleet management platform enables your business to save money on charging costs, control access to your charging stations and analyse usage data across vehicles and employees.

- Interoperable (OCPP1.6J)
- Monitor live charging data & history
- API access
- Manage remote software updates
- Export charging data
- Fleet charging capability



## Built with fleets in mind.

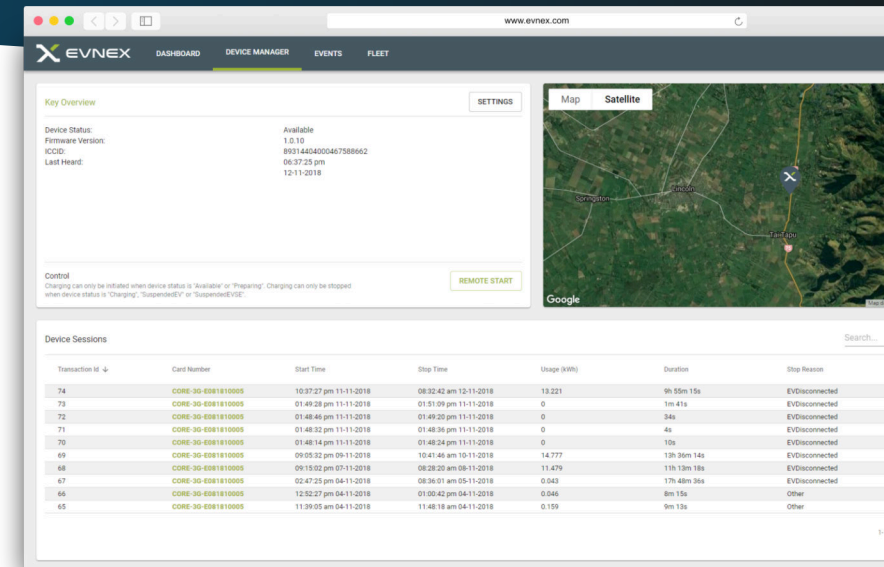
We understand that commercial fleets have unique requirements. We've made it simple to view the live status of your charging stations, and generate reports to track energy use across your organisation.

## Interoperable.

If your business has a range of charging stations, no problem. Our cloud platform supports a variety of OCPP compatible charging stations from different vendors.

## API enabled.

Enable partnerships with electricity retailers and utilities, commercial parking and billing platforms through API access to charging data, energy metering and control.

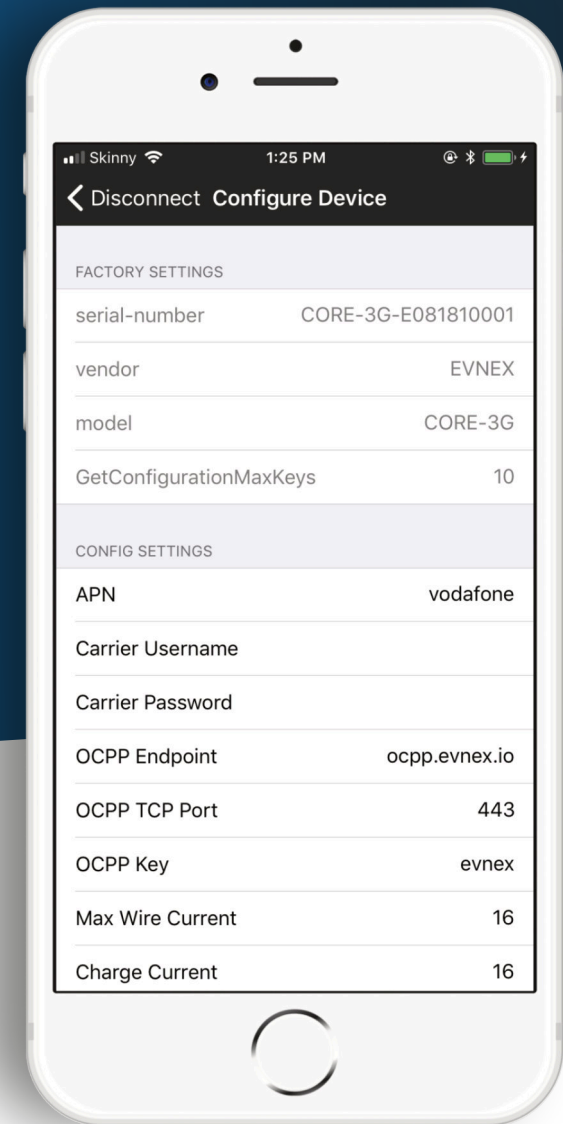


## PROVISIONING & CONFIGURATION

### BLUETOOTH CONFIGURATION APP

Our mobile app allows installers to easily configure charging stations in the field, setting features like max wire current and OCPP endpoints in seconds, without the need for notebook computers and hardwired connections.

- iOS compatible
- Add charging station to server & set authorization keys
- Configure cellular carrier settings
- Set GPS / address location of charging stations



## PRODUCT CODES

### R-Series Charging Stations

R7-T2S-XX	32A single phase, type 2 socket
R7-T2T-XX	32A single phase, type 2 tethered
R7-T1T-XX	32A single phase, type 1 tethered
R22-T2S-XX	32A single phase, type 2 socket
R22-T2T-XX	32A single phase, type 2 tethered

*Replace XX with modem selection '3G' or 'LTE'*

### CORE Protocol Control Modules

CORE-3G	CORE IEC 61851 charge control module, 3G comms
CORE-LTE	CORE IEC 61851 charge control module, LTE-M1 comms