



**CHARGESTAR** 



### QUALITY & RELIABILITY

High quality electric vehicle charging infrastructure using Australian and European suppliers



### CUSTOMER SERVICE

24/7 Customer service provided by an Australian call center



### AUSTRALIA WIDE

Nationwide coverage for the supply, installation and management of charging station infrastructure.



### LOCAL PARTNERS

We use local contractors and engage with majority Aboriginal owned contracting and project management businesses such as DDR Australia.



### OPTIMAL SOLUTIONS

Chargestar is not aligned to any charging station manufacturer or network management system software platform. Chargestar designs optimal solutions for its clients using a variety of hardware suppliers and software platforms.

## WE BUILD ELECTRIC VEHICLE NETWORKS

We have managed and monitored more than **10,000** charging sessions from over **100** charging stations Australia wide.

**HUBJECT**  
connecting emobility networks

Interoperable across different networks

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# OUR VISION

A close-up photograph of a blue electric vehicle charging station. A blue charging cable is plugged into the station's port. The station is mounted on a blue surface, and the background is a bright blue sky with a sun flare effect in the top left corner.

Chargestar is an MSP (Managed Services Provider) that supplies, installs and maintains charging stations and provides network management services for charging station networks. Chargestar creates charging station infrastructure solutions designed to help our clients transition to a zero emissions transport future and optimise revenue from commercial electric vehicle charging operations. Chargestar is not aligned to any charging station manufacturer or network management system software platform. Chargestar designs optimal solutions for its clients using a variety of hardware suppliers and software platforms



# TURN-KEY SOLUTIONS

Chargestar offers full turnkey solution capability comprising the supply, installation, maintenance and management of charging station networks. Our solutions include load management, fleet management and billing systems

1



The driver activates a charging session using a smart phone application or a tap and go payment terminal.

2



All charging session data is uploaded to the Chargestar platform. Charging station operators have full access to the charging session data via the Chargestar customer portal.

3









All revenue generated by the charging stations is transferred in real time to the merchant account of the charging station operator in cases where the charging station operator operates their own network. Alternatively the charging station revenue is transferred at regular intervals to the charging station operator in cases where the stations are hosted on the Chargestar network.



# OUR SOLUTION AND SERVICES

***“Chargestar can help you build your own charging station network.”***

## **Core Services**

-  **Supply** - Charge Star provides charging stations from a variety of manufacturers designed to suit the specific requirements of the customer.
-  **Network Management** - Network management and driver management services for charging station providers either on the Charge Star Network or as a managed service on the customer's network.
-  **Load Balancing** - Load balancing solutions for both AC and DC charging station clusters with mix and match capability between different manufacturers.
-  **Billing and Access Control** - Native billing solutions for public charging stations and private car parks. Integration with existing third-party billing solutions in service stations and embedded metering systems in commercial developments and apartment blocks. Complex tariff models including time of day charging and rate by class of driver.
-  **White-label or Chargestar Network** - Optional hosting of charging stations on the Chargestar network or on a separate instance of the Chargestar platform white labeled for customers who wish to create their own charging station network. Customise end-user mobile apps to suit your brand.
-  **Fleet Charging** - Our Fleet Manager Portal empowers you to manage and control all aspects of your EV fleet charging operations to maximize utilization and reduce energy costs leveraging smart charging capabilities.



# WHY CHOOSE US?



## ⚡ Experience

We have over 10 years experience in providing electric vehicle charging station solutions for clients all over Australia.



## ⚡ Peace of Mind

Trained technicians located all over Australia. Local partnerships with electrical contractors. 24-hour support number.



## ⚡ Optimal Solutions

We provide customers with the optimal solution by offering products and services from different suppliers.



## ⚡ Knowledge

We provide the highest standard of skill when setting up, installing, and maintaining EV charging stations. We also handle all the arrangements necessary with electric/power companies and civil engineers. Our service is hassle-free from start to finish.



## ⚡ Transparency and Flexibility

Chargestar is not affiliated with any cartel or industry group. There is no hidden agenda or bias in our processes or towards the products and services we provide



# POPULAR PRODUCTS



CIRCONTROL  
Mobility & eMobility

## eVolve Smart AC Bollard-Master



- ⚡ Integrated contactless payment system
- ⚡ Capable of balancing available power based on number of charge points in use.
- ⚡ Single modem in the Master unit can be used for remote connection and back-office system integration
- ⚡ Can operate up to 8 Slaves (max. 18 charging points)
- ⚡ 8" daylight readable touchscreen provides clear charging instructions and operating status in multiple languages
- ⚡ One station serves two cars simultaneously
- ⚡ Available in Single Phase (7kw) & Three Phase (22kw)
- ⚡ Connector height accessible by the disabled



CIRCONTROL  
Mobility & eMobility

## eVolve Smart AC Wallbox



- ⚡ Smart Technology enabled charging station for Public Access and Commercial Installation
- ⚡ User and Operator focus design and features
- ⚡ Built-in embedded static load management
- ⚡ One charging station serves two cars simultaneously
- ⚡ Available in Single Phase (7kw) & Three Phase (22kw)
- ⚡ Designed to be accessible by the disabled, complying with international standards regarding the height of connectors



CIRCONTROL  
Mobility & eMobility

## eNext Smart AC Wallbox



- ⚡ App
- ⚡ App charge authorization
- ⚡ 6mA leakage detector
- ⚡ HOME BeOn compatible



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# POPULAR PRODUCTS



## **ABB** Terra 94 - 184 kW DC



- ⚡ Optional credit card reader.
- ⚡ A compact, all-in-one charger from 90 kw to 180 kW
- ⚡ Terra 124 and Terra 184 can fast-charge two vehicles at the same time
- ⚡ Flexible configurations include CCS-single, CCS-dual and CCS+CHAdeMO-dual outlets
- ⚡ Up to 920 VDC for every passenger or fleet EV
- ⚡ Bright, daylight readable touchscreen display with graphic visualization of charging session
- ⚡ High short circuit current rating
- ⚡ EMC Class B certified for safe use at fuel stations, retail centers, offices, and residential-adjacent sites
- ⚡ Always connected, enabling remote services, updates and upgrades



## **TRITIUM** RT-50 kW DC



- ⚡ Australian made award winning 50kW DC Station
- ⚡ Liquid Cooling suitable for Australian Climate
- ⚡ Free printed Corporate Branding graphics on station.
- ⚡ Small Footprint
- ⚡ OCPP Compatible
- ⚡ Dual Socket (CCS1 or 2 + CHAdeMO)

## **ABB** ABB DC Wallbox



- ⚡ Suitable for installation at locations with less space, and low excess reserve contracted power
- ⚡ Available in Single Socket (CCS1 or CCS2) or DualSocket variant (CCS1 or 2 + CHAdeMO)
- ⚡ Built for indoor and outdoor use
- ⚡ OCPP Compatible Suitable for commercial installation
- Remote software updates



# RECENT PROJECTS



## FLINDERS UNIVERSITY

**Station type:** Fast AC

**Services provided:** Supply; Installation; Training; Commissioning; and Integration with BMS

**Collaboration:** O'Brien Electrical (Adelaide)



## MOAMA BOWLS CLUB

**Station types:** Fast AC and DC

**Services provided:** Consulting and Supply; Microgrid Integration

**Collaboration:** Vellocet Clean Energy



## RAC ELECTRIC HIGHWAY

**Station types:** AC and DC

**Services provided:** Network management; Maintenance; and Billing system

**Collaboration:** Multiple local electricians; local councils; and RAC



## WA POLICE FORCE

**Station type:** Fast AC

**Services provided:** Supply and Commissioning Datatel

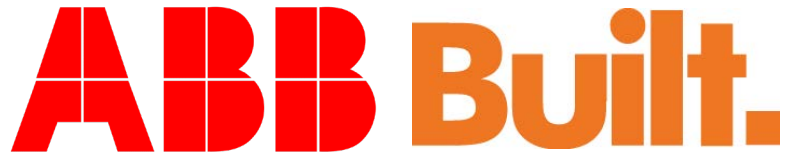
**Collaboration:** Electrical and Communication





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# COLLABORATORS





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# QUESTIONS?

