

Electric Vehicle

CHARGING SOLUTIONS



CHARGESTAR 

PRODUCTS & SERVICES

**NETWORK
MANAGEMENT**

**CHARGING
STATIONS**

**BILLING
SOLUTION**

**LOAD (ENERGY)
MANAGEMENT**

INSTALLATION

MAINTENANCE

Electric Vehicle

CHARGING SOLUTIONS



Charging Stations

RANGE

Charge Star offers comprehensive and multi-brand charging stations, ranging from 7.4kw to 350kW

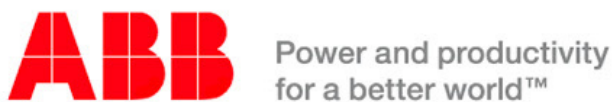
BRANDS

The brands we offer include the following:

- Circontrol
- EO
- ABB
- Tritium
- Myenergi (zappi)
- Xcharge
- Delta



CIRCONTROL
Mobility & eMobility



AC Charging Stations

7KW TO 22KW



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ENEXT

The eNext Home is a bluetooth enabled wall mounted charging station for home users. It is a futuristic looking piano black and white colour combination.

Features include:

- Access Control and Charging station configuration Via **Mobile Application**
- Presence Recognition -a feature that allows the user to start charging without any interaction with the device
- Programmable scheduled charging
- Compatible with BeOn Sensor (accessory)
- Wall-box design, additional Pedestal available for Floor Mounted Installation
- Available in Single Phase (7kw) & Three Phase (22kw)

ZAPPI

The ZAPPI is a smart EV charger that can also charge your EV using **100% FREE energy** generated from your Solar PV or wind turbine when configured in Eco Max mode.

Features include:

- Can be programmed to guarantee that all power used to charge is taken from your solar or wind generation
- Power consumption continually adjusted in response to on-site generation and household power consumption
- Integral Cable Holster for safe storage of cable after charging
- Programmable scheduled charging
- Pin-code lock function
- Available in Single Phase (7kw) & Three Phase (22kw)



AC Charging Stations

7KW TO 22KW



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EO GENIUS



The EO Genius is a single socket wall mounted or bollard charging station that provides remote management and load management features when connected to the EO Hub.

Features include:

- Modular expansion for smart feature
- Great for residential or commercial installation
- One EO hub allows connection of up to **30 EO Geniuses** making it a cost efficient solution for a cluster of charging stations
- Programmable scheduled charging
- Wall-box design, additional Pedestal available for Floor Mounted Installation
- Available in Single Phase (7kw) & Three Phase (22kw)

EVOLVE



The eVolve Smart is an advanced charging station with an aluminum and ABS plastic enclosure. The station is fitted with two Type 2 sockets OR two Type 2 tethered cables. It has twin on-board Type B RCDs for protection against DC leakage. This is a **legal requirement**. The station can be connected to a local network via its ethernet port or by 4G modem to a mobile network

Features include:

- 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)
- Available in wallbox or bollard
- Designed to be accessible by the disabled, complying with international standards regarding the height of connectors

DC Charging Stations

24KW TO 350KW



DC Charging stations supply the electricity directly from the connectors to the battery of the Electric Vehicle (EV) without having to use the EV's onboard converter proving a fast charging speed in comparison to AC Charging Stations.

ABB DC WALLBOX



the ABB DC wallbox makes fast charging safe, smart and future-compatible. Backed by 130 years of innovation and a decade in e-mobility, the DC wallbox supports the continuous advance of electric vehicles.

Features include:

- Compact Wall-box 24kW DC charging stations
- Suitable for installation at locations with less space, and low excess reserve contracted power
- Available in Single Socket (CCS1 or CCS2) or Dual Socket variant (CCS1 or 2 + CHAdeMO)
- Pin Code Access
- Robust built for indoor and outdoor use
- OCPP Compatible
- Suitable for commercial installation

DELTA DC WALLBOX



DC Wallbox EV charger has an output power up to 25kW and 94% efficiency. Wall-box design and pluggable power modules facilitate easy and cost-saving installation. Its communication functions can support both public and private charging applications for different locations.

Features include:

- OEM Adaptive Floor installation Pedestal available
- Available in Dual Socket variant (CCS1 or 2 + CHAdeMO)
- RFID card reader for user authentication
- OCPP Compatible

DC Charging Stations

24KW TO 350KW



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TRITIUM RT-50KW

Tritium's RT50 is a compact, reliable, and robust DC fast charger capable of charging all EVs on the market. This all-in-one unit is small enough to suit your site's configuration and maximize your parking space without need for expensive site modifications.

Features include:

- Australian made award winning 50kW DC Station
- Liquid Cooling suitable for Australian Climate
- Free print of Corporate Branding graphics on Charging station. Graphics need to meet the requirements provided in the template provided by Tritium
- Small Footprint
- OCPP Compatible
- Dual Socket (CCSI or 2 + CHAdeMO)



XCHARGE C6EU

C6S is a DC superpower charger suitable for commercial and public areas with compact spaces.

Features include:

- Modular design, expandable from 50kW to 150kW
- Cable Balancing and retraction for better user experience
- Simultaneous charging from both cables (????/verify)
- OCPP Compatible

DC Charging Stations

24KW TO 350KW



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XCHARGE SATELLITE HPC C9LQ

Satellite DC Supercharger C9 is designed to meet future charging demand. Stable and dynamic sharing and cost-effective operation equip C9 with core features of easy deployment and strong service-ability, and it is ideal for CBD and public parking area.

Features include:

- 1 Power Unit with option to have 1 to 3 user unit (power module)
- Modular Design, Power module compatible with 180kW and 360kW
- Maximum single connector output of up to 360kW
- 19-inch LED screen for branding functionality
- Simultaneous charging from both cables



TRITIUM RT-175KW

The RT175-S high-powered DC charger is easy to install, own, and operate. Capable of charging all EVs on the market, this charger is an economical solution for a range of industries seeking a high-powered, efficient charge to get vehicles back on the road fast.

Features include:

- Available in Single (CCS) and Dual connector (CCS+ CHAdeMO) variant
- Free print of Corporate Branding graphics on Charging station. Graphics need to meet the requirements provided in the template provided by Tritium
- Separate user unit and power unit
- 10" Screen

DC Charging Stations

24KW TO 350KW



Raption family is ideally suited to be installed in both public access environments and private ones, where vehicles need to be ready to continue their commute in 10-30 min.

RAPTION 50

Features include:

- Modular power technology ensures a very high up-time (reducing the non-operation expenditure). In case of power module failure the rest of modules continue charging
- Power can be scaled from 25kW to 50kW
- 2 DC cables (CCS + CHAdeMO) and 1 AC cable in a single station. Simultaneous charging from AC and DC Station. Serves 2 cars from 1 station
- Built-in courtesy light at the top of the station for improved user experience
- Designed with consideration for accessibility by the disabled, complying with international standards regarding the height of connectors
- 8" colour anti-vandal touch screen daylight readable



RAPTION 150

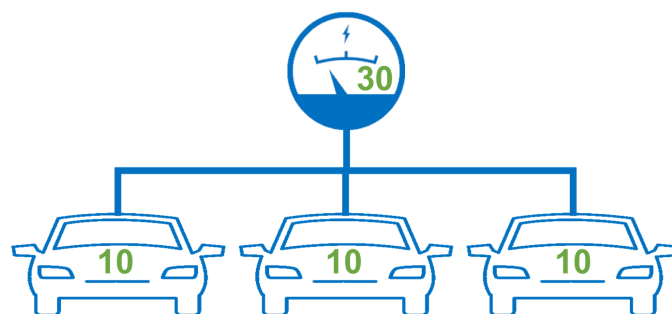
Features include:

- Simultaneous DC charge able to charge 2 EV's at the same time by splitting the available power (e.g. 75kW+75kW).
- The modular architecture allows power scalability from 100kW to 150kW.
- Built-in courtesy light at the top of the station for improved user experience
- Designed with consideration for accessibility by the disabled, complying with international standards regarding the height of connectors
- 8" colour anti-vandal touch screen daylight readable
- Available in Single (CCS) and Dual connector (CCS+ CHAdeMO) variant



Load Management

- Load Management system is designed to manage the power requirements of multiple charging stations when the total rated power requirement of the charging stations exceeds the power capacity of the parking area or the power capacity of the building
- Charging stations consume a significant amount of electricity
- Contracting power for the property to have a dedicated supply of current to run charging station at their max capacity at all times can be expensive
- Load management allows the dynamic distribution of available power in the property
- Saves cost for upgrading or contracting more power.
- We offer Load Management solution for following products; Circontrol, EO, Delta



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Billing

- Solution for installations where charging stations are expected to generate revenue
- designed for high volume Pay- As-You-Go (PAYG) public charging stations networks used by anonymous members of the public.
- System designed to connect multiple brands in same platform. Fully OCPP compatible stations only.
- Multiple payment method available; Credit Card, Paypal, Apple Pay, Google Pay, Wallet (advance credit purchase) App
- Access Control through RFID Card or Mobile Application
- Revenue reimbursement to owners of charging station
- Transparent information regarding charging session, transaction and revenue



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Network Management

- Complete hassle-free solution
- Promoting the charging stations in Charge Star Network for increased online visibility and usage
- Services include access to:
 - Charge Star's ChargePoint Management (CPM) Platform
 - Driver Management
 - Monitoring and reporting
- We provide a packaged price for Billing and Network Management as Charge Star Subscription Fee.

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Consultation

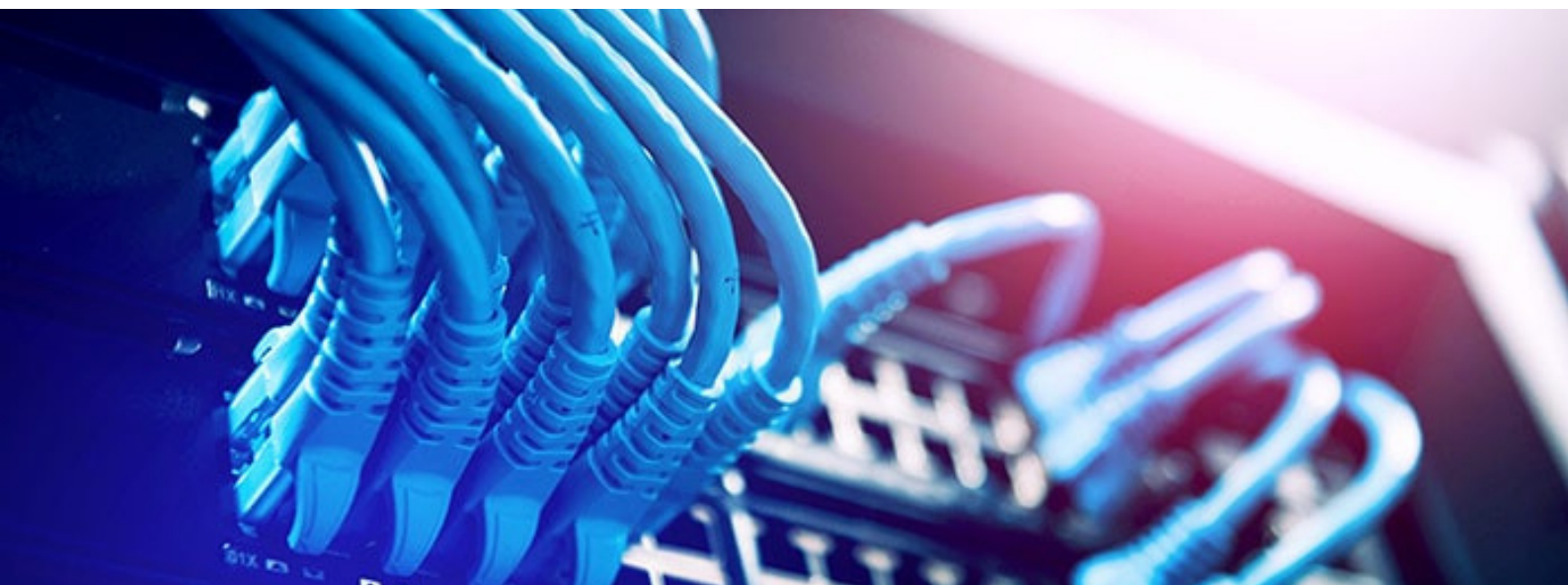
Confused with what product and services you should procure and EV Infrastructure needs? Are you having difficulties in getting the requirement correct for your Electric Vehicle Infrastructure project?

Our team of EV infrastructure experts provide consulting services focused on the best solution for our clients. Our consulting services combine the technical and business perspective to provide a holistic and future proof solution.

We provide obligation free consultation. Consultation reports can be provided for a fee.

Installation

ChargeStar has a national cover for installation. Highly experienced, fully licensed personnel are specially trained to install the charging stations to ensure a high-quality job. We work with local electrical contractors to promote local economy and keep profits in the community.



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Maintenance and Operation

ChargeStar can maintain and operate the charging stations on behalf of the charging station owner. **What does this mean?** Charging station providers can enjoy the revenue without any hassle. Charge Star takes care of it all.

A team of Product Technical Specialist and Customer Service Representative are available 24/7 to ensure **full support** to the end users and charging station provider. Scheduled maintenance service for high up-time and long operational life.

Custom tailored maintenance and operation services to meet the exact requirement of the charging station owner.



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Contact Us

Please contact us if you need advice on charging stations and charging station infrastructure.

Data sheet with complete technical specification available on request for all models on charging stations.

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