



REDEFINING DC CHARGING



Alpitronic is a fast-growing and innovative tech company founded in 2009 as a startup for the development of power electronic systems in Bolzano, Italy, in the midst of the Alps. The company's roots lie in development activities for the automotive sector, where its technical know-how stems from.

Since 2017, Alpitronic has been active in the development, production, and commercialization of scalable DC high power chargers for electric vehicles, known under the Hypercharger brand. The Hyperchargers are proven to be reliable, effective, and compact with an advanced design. The current product portfolio includes fast chargers which operate in the power range between 50 kW and 400 kW.

As the current market leader for DC fast charging stations, Alpitronic plays a crucial role in the expansion of e-mobility in Europe. The company strives to leverage on its innovation leadership and well-established presence in the market to set future standards for electric vehicle charging infrastructure.

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hypercharger

All-in-one charging solutions



60-180 min
Destination charging



5-30 min
Drive-through charging

hyc50

hyc200

hyc400



50 kW

100-200 kW

100-400 kW

(Semi) private sector

- Retail & hospitality
- Work
- Fleets
- Dealerships
- Parking spaces & garage
- Urban or intercity locations

Public sector

- Highway corridor
- Charging/transportation hubs
- Traffic intersection
- Retail
- Parking spaces

hypercharger Power-Stack concept



The advantages of modularity have made it a mainstay in automotive engineering. The use of modular Power-Stacks, each with an output of 100 kW (2x 50 kW power units), enables flexible load distribution and the possibility to increase the total power of Hyperchargers at any time in the future. Due to innovative power electronics using the latest semiconductor technology, that is within the Hypercharger Power-Stacks, an efficiency of 97.5% is achieved, resulting in low power losses. The Power-Stacks produced in-house can be integrated into two different sized housings, offering a power range from 100 kW to 400 kW in a voltage range of 150-1000 V.



hyc200



Key features

>97.5%
efficiency under full load⁽¹⁾

50 kW
granularity providing
dynamic load management

150-1000 V
future-proof output range

hyc400



100-200 kW
output range

up to **600 A**
output per charging system



Simultaneous DC
charging of up to 2 cars

100-400 kW
output range

up to **2x 600 A**
output per charging system



Simultaneous DC
charging of up to 3 cars

*Dimensions in mm

(1) Excludes cable (due to varying configurations)

Key features



15.6" display with push-button



Payment terminal



OCPP 1.6 JSON (2.01 ready)



Customization options



ISO 15118



Plug & Charge ready

Alpitronic provides the option of configuring all available charging standards, including different cable types ranging from 200 A to 600 A output current. The Power-Stacks can easily be paralleled, thereby allowing an upgrade of its total power output making the Hypercharger a future-proof investment. Adding to its simple installation and maintenance, the system's modular design makes the Hypercharger even more appealing by providing a solution tailored to individual needs without compromising on performance or quality.

Cable options

- CCS (up to 600 A)
- CHAdeMO (up to 200 A)
- 3.5 m and 5 m cable length
- Cable management system

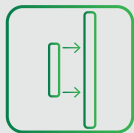




hyc50

The HYC50 charger represents a revolutionary increase in power efficiency and density, pushing the boundaries of compactness. With its groundbreaking design, the wall-mountable feature sets this 50 kW DC charger apart as the first of its kind. The versatility of this charger is unrivalled, as it offers the convenience of pedestal option, allowing it to be used seamlessly both indoors and outdoors, opening up limitless possibilities. Powered by advanced electronics and cutting-edge semiconductors, the HYC50 achieves an impressive efficiency of 97% while maintaining a low noise level. It truly embodies the pinnacle of innovation, form factor, efficiency and versatility.

Key features



First 50 kW wall mountable fast charger



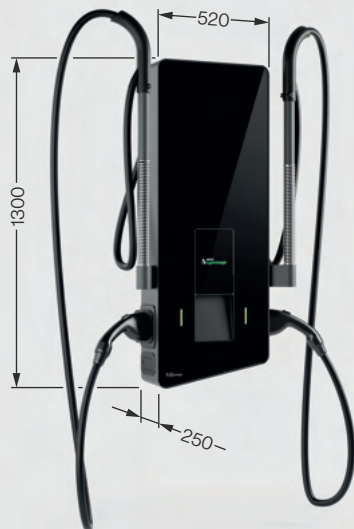
In- and outdoor installation



50 kW charging on one vehicle or 2x 25 kW simultaneous charging



Low noise level <50 dBA



97%
efficiency under full load⁽²⁾

150 A
continuous charging

10.1"
touch screen

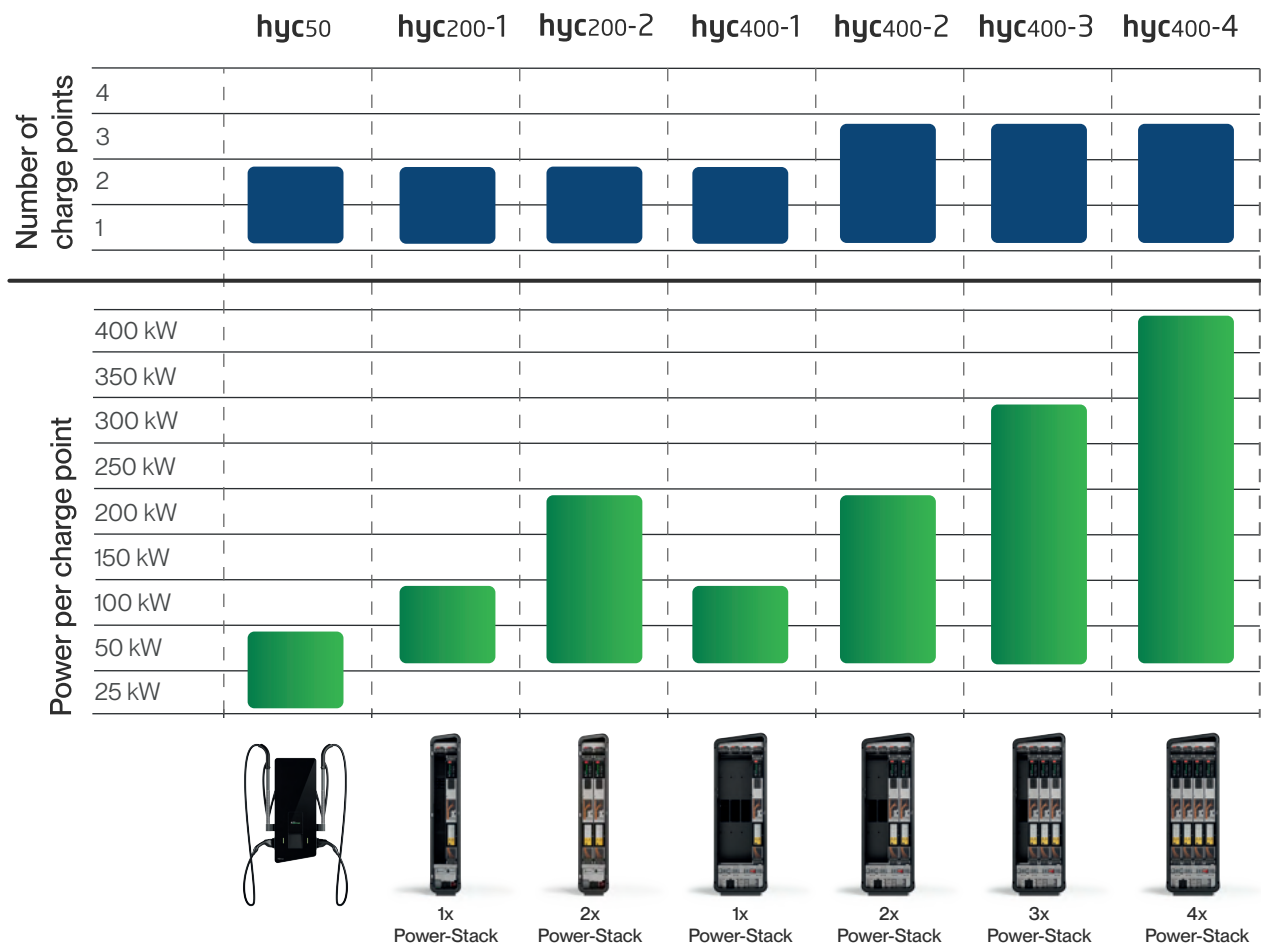
V2G
ready



*Dimensions in mm

(2) Single cable configuration

hypercharger Portfolio overview



hyperservice

The Hypercharger after sales team provides a proven and reliable turnkey service including remote and on-site support. The team is available 24/7 to provide professional assistance for your Hyperchargers. The support is all encompassing, and the team is here to answer your technical questions and resolve any issues you may have quickly. The professional and qualified support team provides 24/7 remote support, and therefore support that ensures quick resolution of issues, often without the need for further intervention. Where an on-site visit is required, the Hypercharger service team will coordinate and organize the necessary actions. The Alpitronic engineers diagnose defects, carry out repairs, complete preventive maintenance, and perform upgrades on the Hyperchargers. Furthermore, Alpitronic collaborates with certified partners to guarantee quick on-site troubleshooting. The service Alpitronic offers is flexible to suit your needs and includes different service levels including a same day resolution. Alpitronic provides full support with respect to spare parts and ensures that any requests are delivered in a timely manner to your chosen location. Other added benefits include extensive product documentation and full support for your Charge Point Management System (CPMS) integration, where required. Contact support@hypercharger.it for all after sales and service inquiries. You can trust Alpitronic to ensure your Hypercharger is well supported and operates effortlessly.

More information:

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alpitronic



EFFICIENT, COMPACT, POWERFUL.

Future-proof for all electric vehicle designs.

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